

9th Annual Army Small Business Conference

"Army & Small Business: A Winning Partnership"

Los Angeles, CA

2-3 November 2005

AGENDA

Wednesday, 2 November 2005

Opening Remarks: GEN Benjamin S. Griffin, USA, Commanding General, (AMC)

Continuing Opportunities for Small Business, Hon Claude M. Bolton, Jr., Assistant Secretary of the Army (Acquisition, Logistics and Technology)

Update on the State of the Army Small Business Program, Ms. Tracey L. Pinson, Director, Small and Disadvantaged Business Utilization, Office of the Secretary of the Army

Thursday, 3 November 2005

The Outlook for the US Economy, Dr. Keith Hall, Chief Economist, US Department of Commerce **Panel**: "Industry Insights"

- · Operating & Marketing Your Small Business for Success, Ms. Madhu Beriwal, President, Innovative Emergency Management, Inc
- Performance Based Acquisition: Making it Real, Mr. Shaw Cohe, Senior Principal for Defense, Acquisition Solutions, Inc.

Panel: "Challenges & Opportunities"

- Guidelines for Partnering/Teaming and Getting Credit as a Small Business, Ms. Denise Benjamin, Assistant General Counsel for Contracting, Office of General Counsel, SBA
- · Business Opportuniteis with Future Combat Systems, Mr. John Kelley, Director, FCS Supplier Management, The Boeing Company
- Update on HUBZone Program, Mr. Michael McHale, Associate Administrator for HUBZone Empowerment Contracting Program, SBA

Breakout Sessions:

- What You Need to Know Before You Team/Partner, Ms. January Dennison, President Technology Resource Consultants
- Tips and Opportunities Available for Small Business, Mr. Jim Regan, Director, Procurement Technical Assistance Program, GMU
- Small Business Innovative Research (SBIR) Opportunities, Ms. Susan Nichols, Program Manager and Major Kenneth Strayer, Deputy Program Manager, SBIR US Army RDEC
- The Route to ISO 9000 Qualification, Ms. Joan Ales, Chief, Weapons Product Quality Management Barnch, US Army RDEC and Mr. Jay Jacobowitz, Team Leader, National Logistics Qualification Office, AMC

9TH ANNUAL ARMY SMALL BUSINESS CONFERENCE

"ARMY & SMALL BUSINESS: A WINNING PARTNERSHIP"



AGENDA

PRESENTED BY:



NOVEMBER 2-3, 2005



HILTON MCLEAN HOTEL AT TYSONS CORNER MCLEAN, VIRGINIA EVENT #6430

Providing for the Nation's security requires an effective partnership between the Army and the small business community. Small business is "big business" in the Army. Last year, the Army awarded \$15.4 billion in direct contracts. Small businesses received an even greater amount in contracts with major defense firms. Despite having the smallest budget of the three military departments, the Army has awarded the highest dollar amount of prime contracts to small businesses for each of the last five years.

This conference is the only yearly event specifically aimed at all of the Army's small business contractors. It brings together leaders of the industry small business community and the government (Small Business Administration and Army) to discuss timely topics, including recent changes affecting small businesses. Participants will include key Army decision makers from the Pentagon to field commanders who conduct acquisitions. All the Army's major commands located in the United States will be represented. The conference provides a forum for open exchange of information and ideas between senior government officials and small business leaders.

The Business Opportunities Fair is an important part of the conference. Representatives from all of the Army's major buying commands will be present to discuss future opportunities for small businesses in their respective commands. In addition, representatives from the top 50 largest business defense contractors will be there to discuss small business opportunities with their firms. Army acquisition and technical personnel, and Small Business Specialists will be available to address individual contractor's questions and concerns.

Breakout Sessions will be presented on timely subjects of special interest. The agenda offers a variety of topics designed to meet the varying needs of contractors present.

The importance of continuing the Army-Small Business partnership will be an underlying theme of the conference.

OBJECTIVE & SCOPE

1:00 p.m.: Registration Opens

3:00 p.m.: Administative Remarks

Mr. Lewis J. Ashley, Ombudsman, US Army Materiel

Command (AMC)

3:05 p.m.: Welcome

Lt Gen Lawrence P. Farrell, Jr., USAF (Ret),

President & CEO, National Defense Industrial Association

3:10 p.m.: Opening Remarks

• GEN Benjamin S. Griffin, USA, Commanding

General, (AMC)

3:40 p.m.: Continuing Opportunities for Small Businesses

• Hon Claude M. Bolton, Jr., Assistant Secretary of the Army (Acquisition, Logistics and Technology)

4:15 p.m.: Break

4:30 p.m.: Update on the State of the Army Small Business

Program

Ms. Tracey L. Pinson, Director, Small and

Disadvantaged Business Utilization, Office of the

Secretary of the Army

5:00 p.m.: The Outlook for Small Business

Mr. Stephen Galvan, Deputy Administrator, US Small

Business Administration

5:45 p.m. - Reception

7:45 p.m.:

7:00 a.m.: Registration and Continental Breakfast

7:50 a.m.: Administrative Remarks

 Mr. Lewis J. Ashley, Ombudsman, US Army Materiel Command

8:00 a.m.: Recognition of AMC Small Business Person of the

Year

• *Mr. Scott Crosson*, Associate Director, Small and Disadvantaged Business Utilization, US Army Materiel Command

8:05 a.m.: The Outlook for the US Economy

• *Dr. Keith Hall*, Chief Economist, US Department of

Commerce

8:40 a.m.: Panel: "Industry Insights"

 Ms. Madhu Beriwal, President, Innovative Emergency Management, Inc.

- "Marketing Your Small Business for Success"

 Mr. Charles H. Mather, Jr., Partner, Acquisition Solutions. Inc.

- "Performance Based Acquisition: Making it Real"

9:30 a.m.: Break

9:45 a.m.: Panel: "Challenges & Opportunities"

Ms. Denise Benjamin, Assistant General Counsel for

 $Contracting\,, Of fice \,of \,General\,Counsel, SBA$

- "Guidelines for Partnering/Teaming and Getting

Credit as a Small Business"

9:45 a.m.: (Panel Continued)

- Mr. Steve Marion, Senior Program Director, Supplier Management, FCS, The Boeing Company
- "Business Opportunities with Future Combat Systems"
- Mr. Michael McHale, Associate Administrator for HUBZone Empowerment Contracting Program, SBA
- "Update on HUBZone Program"

10:40 a.m.: Panel: "Open Question Period" Moderator:

 Mr. Jeffrey Parsons, Director, Command Contracting, US Army Materiel Command

Panelists:

- *Ms.Marlene Cruze*, Executive Director, Acquisition Center, US Army Aviation and Missile Command
- Mr. Edward Elgart, Principal Assistant Responsible for Contracting (PARC), US Army Communications-Electronics Command
- *Mr. Daniel Mehney*, PARC, US Army Tank-Automotive and Armaments Command
- Mr. James Warrington, Director of Contracting, US Army Research, Development and Engineering Command Acquisition Center
- Mr. James Loehrl, PARC, US Army Field Support Command

11:45 a.m.: Lunch

Concurrent Activities

12:45 p.m. - Business Opportunities Fair

3:45 p.m.: Each of the AMC major subordinate commands, the

National Guard, and the following Army organizations: Army Contracting Agency; Corps of Engineers; Medical Command; and the Defense Contracting Command-Washington, will staff and operate a booth throughout the afternoon. Small Business specialists, procurement and technical personnel from these organizations will be available to discuss future business opportunities, and to address individual contractor concerns.

12:45 p.m. - Breakout Sessions - Special Interest Topics

3:45 p.m.: The following topics will be presented during the after

noon. Presentations will begin at 12:45 p.m. with multiple topics running concurrently, each in a separate room, and repeated. Each session will take about 40 minutes with the time evenly divided for presentation

comments/questions.

-What You Need to Know Before You Team/ Partner

- Ms. January Dennison, President, Technology Resource Consultants, Inc.
- -Tips and Opportunities Available for Small Businesses
 - Mr. Jim Regan, Director, Procurement Technical Assistance Program, George Mason University
- Small Business Innovative Research (SBIR) Opportunities
 - Ms. Susan Nichols, Program Manager, SBIR, US Army Research, Development and Engineering Command
- The Route to ISO 9000 Qualification
 - Ms. Joan Ales, Chief, Weapons Product Quality Management Branch, US Army Research, Development and Engineering Command
- How Small Businesses Can Use Information Technology to Level the Playing Field
 - Ms. Ceci Albert, Chief Engineer, Army Systems, Software Engineering Institute, Carnegie Mellon University

Conference Registration

Conference Registration Fees are as follows:

Regular Until October 26,2005

On-Site After October 26, 2005

All Attendees

\$ 260

\$300

The conference registration fee includes attendance at all sessions, continental breakfast, coffee breaks, lunch, reception, and administrative costs. Registrations will not be taken over the phone. Payment must be made at the time of registration. Please complete the attached registration form and fax it to (703)522-1885 or mail with your fee payable to: Event #6430, National Defense Industrial Association, 2111 Wilson Boulevard, Suite 400, Arlington, VA 22201-3061.

Online Registration

For more information or to register online, please visit: http://register.ndia.org/interview/register.ndia?~Brochure~6430. After the registration form is completed, you will then be prompted to review your information and press the SUBMIT button on the web page. After that, select the CONFIRM button once. Online Registration will close on October 26, 2005. Please register onsite after this date. You may also add yourself to the conference mailing list at this same site.

You may also download the registration form from the website and fax it to (703)522-1885, or mail it to NDIA, Event #6430, 2111 Wilson Boulevard, Suite 400, Arlington, VA 22201-3061. Payment must be received at the time of registration.

NDIA cannot accept registrations over the phone. Cancellations received before September 22, 2005 will receive a full refund. Cancellations received between September 22 and October 26, 2005 will receive a refund minus a cancellation fee of \$75. **NO refunds for cancellations received after October 26, 2005**. SUBSTITUTIONS ARE WELCOME IN LIEU OF CANCELLATIONS!

CONFERENCE INFORMATION

Hotel Information

A block of rooms have been reserved at the Hilton McLean Hotel at Tysons Corner. To make your reservation, please call (703)847-5000 and make sure to ask for the NDIA room block. Rooms will not be held after Monday October 3, 2005, and may sell out before then. Rates are also subject to increase after this date.

Room Rates

	Single	Double	
Government	\$166.00	\$166.00	
Industry	\$179.00	\$179.00	

The government per diem rate is available ONLY to active duty or civilian government employees. ID will be required upon checkin. Retired military or government civilians do not qualify for the government rate.

Driving Instructions

From Dulles International Airport to the McLean Hilton, the driving distance is 14 miles and takes approximately 20 minutes.

Directions: Take Dulles Toll Road east to Exit 17 (Spring Hill Road). After the toll, turn right onto Spring Hill Road. Then turn left at the first light onto Jones Branch Drive. The hotel is 1 mile on the left.

Super Shuttle - minimum charge is \$15.00 Taxi - minimum charge is \$25.00

From Regan National Airport to the McLean Hilton, the driving distance is 13 miles and takes approximately 30 minutes.

Directions: Take George Washington Pkwy to 123 South towards McLean. After the 495 overpass, turn right on Tysons Blvd. (1st light after overpass). Make a right on Galleria Drive (1st light). Make a right onto Jones Branch Drive (1st light). The hotel is on the right.

CONFERENCE INFORMATION

Super Shuttle - minimum charge is \$15.00 Taxi - minimum charge is \$30.00

From Baltimore Washington International Airport to the McLean Hilton, the driving distance is 40 miles and takes approximately 50 minutes.

Directions: Take I-95 south to I-495 West towards Silver Spring/Northern Virginia, Exit 46A (123 south). Make a right on Tysons Blvd (1st light), then a right on Galleria Drive (1st light). Make a right onto Jones Branch Drive (1st light).

Super Shuttle - minimum charge is \$50.00 Taxi - minimum charge is \$70.00

Promotional Partner Opportunities

Increase your company or organization exposure at this premier event by becoming a Promotional Partner. A Promotional Partnership (\$5,000) will add your company name to the back cover of the on-site brochure as well as main platform recognition throughout the conference, signage at all events including the opening reception, a 350 word organization description in the on-site brochure, and a hotlink from the conference webpage to your company website. For more information please contact Sam Campagna at (703)247-2544 or scampagna@ndia.org.

Proceedings

Proceedings will be available on the web through the Defense Technical Information Center (DTIC), and will be available one to two weeks after the conference. You will receive notification via e-mail that proceedings are posted and available on the web.

Identification Badges

During conference registration and check-in, each participant will be issued an identification badge. Please be prepared to present a

CONFERENCE INFORMATION

picture ID. Badges must be worn at all conference functions.

Attendee Roster

An attendee roster will be distributed at the conference. In order for your name to appear in the conference attendee roster, **you MUST register by October 26th**, **2005**. There will be NO additional versions distributed after the conference.

ADA

NDIA supports the Americans with Disabilities Act of 1990. Attendees with special needs must call (703)522-1820 prior to October 26, 2005.

Attire

Appropriate dress for this conference is business attire for civilians and Class A uniform for military.

National Defense Magazine

Advertise in National Defense and increase your company's exposure at this conference! National Defense will be distributed to the attendees of this conference and all other NDIA conferences. For more information contact Dino Pignotti at (703)247-2541, Fax (703)522-4602 or via email at dpignotti@ndia.org.

Inquiries

For questions regarding the conference, contact **Carissa Mirasol** at (703)247-2588 or via email at cmirasol@ndia.org.

"The Department of Defense finds this event meets the minimum regulatory standards for attendance by DOD employees. This finding does not constitute a blanket approval or endorsement for attendance. Individual DoD component commands or organizations are responsible for approving attendance of its DoD employees based on mission requirements and DoD regulations."

9th Annual Army Small Business Conference "Army & Small Business: A Winning Partnership"

McLean Hilton Hotel, Tysons Corner, VA November 2-3, 2005 - Event #6430 National Defense Industrial Association 2111 Wilson Boulevard, Suite 400 Arlington, VA 22201-3061 (703) 522-1820 • (703) 522-4656 fax www.ndia.org



November 2	-3, 2005 - Event #6430		STR	ENGTH THROUGH INDUSTRY & TECHNOLOGY	
Ways to sign up: 1. Online with a credit card at www.ndia.org 2. By fax with a credit card — Fax: (703) 522-1885 3. By mail with a check or credit card			By completing the following, you help us understand who is attending our meetings.		
☐ Address chang	•		meetii	igs.	
NDIA Master ID/Membership # Social Security #				Primary Occupational	
(if known—hint: on mailing label above your name) (last 4 digits – optional)			Classification. Check ONE.		
Prefix			□A.	Defense Business/Industry	
(e.g. RADM, COL, Mr., N	As., Dr., etc.)		□в.	R&D/Laboratories	
Name First	MI Last		□ c.	Army	
Military Affiliation Nickname (e.g. USMC, USA (Ret.) etc.) (for Meeting Badges) Title				Navy	
				Air Force	
				Marine Corps	
Organization				Coast Guard	
Street Address				DOD/MOD Civilian	
Address (Suite, PO Box, Mail Stop, Building, etc.)				Gov't Civilian (Non-DOD/	
City	State Zip Country _		п.	MOD)	
	ext Fax		ı	Trade/Professional Assn.	
				Educator/Academia Professional Services	
Signature*					
Preferred way to receive information				Non-Defense Business	
Conference informat	ion □address above □Alternate (print address belo	w) 🔲 F-mail	u N.	Other	
			Current Job/Title/Position.		
Subscriptions	address above Alternate (print address bei	ow)		ONE.	
Alternate Street Addi	ress		l	Senior Executive	
				Executive	
Alternate Address (S	uite, PO Box, Mail Stop, Building, etc.)			Manager	
City	StateZipCountry _			Engineer/Scientist	
City	StateZipCountry _		□E.		
* Rv vour signature a	above you consent to receive communications sent by o	r on hehalf of NDIA	□F.		
by your dignature o	isore you concern to receive communications come by or	on benan or rybirt,		Legislator/Legislative Aide	
				General/Admiral	
			□ 1.		
Registration F			□ J.	Lieutenant Colonel/	
	Regular Onsite			Commander/Major/	
	8/10/05 to 10/26/05 After 10/2	6/05		Lieutenant Commander	
			ı	Captain/Lieutenant/Ensign	
All Attendees	□ \$260 □ \$30	0		Enlisted Military	
			0 .	Other	
		1	_		
	received on or before October 26, 2005	Payment Opt		- ND(A)	
will receive a refund minus a cancellation fee of \$75.			able to	o NDIA)	
	r cancellations received after October	□Cash		- · · · - "	
26, 2005. Sul	bstitutions are welcome in lieu of		t PO/	Training Form # ——	
cancellations	s!	□VISA			
		□ MasterCard			
0	Contact Coriosa Mineral	□American E		S	
Questions?	Contact Carissa Mirasol,	□Diners Club			
	Meeting Planner (703) 247-2588 email: cmirasol@ndia.org				
Mail to:	NDIA, Event #6430	Credit Card N	umbe	r Exp. date	
	2111 Wilson Boulevard, Suite 400			F	
	Arlington, VA 22201				
Fax to:	(703) 522-1885	Signature Signature			



9th Annual Army Small Business Conference "Army & Small Business: A Winning Team" November 2-3, 2005

Joan Ales Jay Jacobowitz

U.S. Army RDECOM-ARDEC

ISO 9001:2000 Quality Standard 3 November 2005

ISO 9000 Series

A Family of Documents

ANSI/ISO/ASQ 9000:2000 Fundamentals and vocabulary

ANSI/ISO/ASQ 9001:2000 Requirements

ANSI/ISO/ASQ 9004:2000
Guidelines for performance improvements

WHAT IS ISO 9001:2000?

A compilation of <u>system and process improvements</u> that an organization would have to establish, document, implement and <u>maintain</u> if that organization were to be considered capable of <u>meeting customer requirements</u> and sustaining <u>continuous performance improvement</u>.

Applies to manufacturing and service industries.

Emphasis is placed on

- Continual improvement
- Customer focus (satisfaction)
- Management responsibility
- Process control

ISO 9001:2000

Model for a business management system that works other business management systems to achieve high organizational performance – the "way of doing business in the new century."

ISO 9001:2000

Why do it?

To make certain that your Quality (Business) Management System provides products and services that meet your Customers' needs and will continually improve in its ability to do so consistently into the future.

THE EIGHT QUALITY MANAGEMENT PRINCIPLES

(ISO 9001-2000)

Customer Focus

Systems Approach To Management

Leadership

Continual Improvement

Involvement of People

Factual Approach
To Decision Making

Process Approach

Mutually Beneficial Supplier Relationship

ISO 9001:2000 CONTENTS

Sections

Section 0 - Introduction

Section 1 - Scope

Section 2 - Normative Reference

Section 3 - Terms and Definitions

Section 4 - Quality Management

Section 5 - Management Responsibility

Section 6 - Resource Management

Section 7 - Product Realization

Section 8 - Measurement, Analysis, and Improvement

QUALITY MANAGEMENT SYSTEM DOCUMEMTATION

Quality Manual

Documented Procedures (Specific Requirements)

Work/Job Instructions

(Quality Plans/SOPs/Processes)

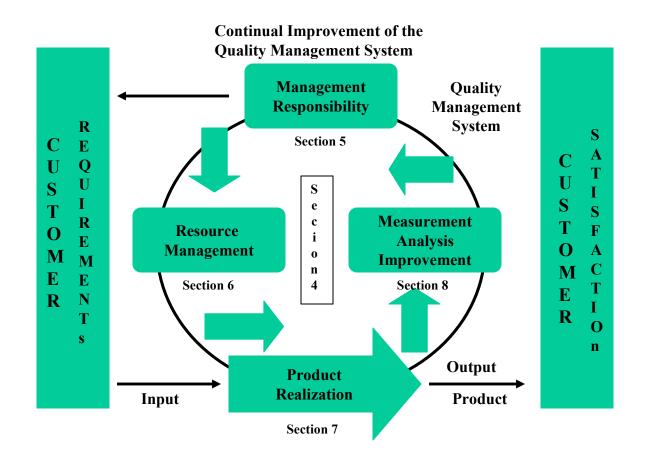
Records

(Objective Evidence)

PROCESS APPROACH

- The standard promotes a "process approach" when developing, implementing and improving the effectiveness of a Quality Management System
- Interaction of processes and their management can be referred to as a "process approach"
- Any activity transforming inputs into outputs can be considered as a process
- The organization must identify, document and manage various linked processes

PROCESS MODEL



CERTIFICATION

ANSI/ASQ Accreditation Board (ANAB)

Commercial entity performs 3rd Party Audits as a ANAB Registrar

Fee for Service - \$\$\$\$\$

ANAB registration recognized world wide

COMPLIANCE

3rd Party registration is not required

Army requires qualification and surveillance audits

Compliance usually recognized DOD wide

3rd Party registration is <u>not</u> a substitute For Government oversight

FINAL THOUGHTS

Quality Management System

Say what you do
Do what you say
Prove it
&
Improve it





Teaming Arrangements

Denise M. Benjamin Assistant General Counsel U.S. Small Business Administration



Objectives

- Provide basic information on:
 - ❖WHAT is a contractor teaming arrangement
 - WHY teaming arrangements may be beneficial
 - HOW to use teaming arrangements consistent with SBA's small business contracting programs

Definition of Teaming Arrangement Under FAR 9.601(a)

 Companies form a partnership or joint venture to serve as a potential prime contractor

 A potential prime contractor agrees to have one or more companies act as its subcontractor



Advantages of Teaming Relationships

- Mitigate the effects of contract bundling
- Leverage capabilities and capital
- Share or reduce risks
- Obtain experience in new markets or industries
- Receive credit for subcontracting with various categories of small businesses



Traditional prime/subcontractor arrangement

Joint ventures



Joint Ventures

- Distinguishing characteristics include:
 - Co-management
 - Sharing of profits and losses
 - Limited duration



- Enables companies lacking capacity or diversity to compete for large contracts
- Each party may have voice in management
- Each party shares in profits
- The parties have privity of contract with the government



Basic Requirements

Limitation on duration of joint venture

 Joint ventures must comply with applicable size standards to participate in SBA's small business preference programs



Limitations on Duration of Joint Venture Relationship

- Joint ventures cannot be an ongoing permanent arrangement
- SBA promulgated new regulations allowing the same joint venture to compete for up to 3 specific or limited purpose contracts over a 2-year period



Size Standard Requirement

 The general rule is that joint venture members are deemed affiliated for SBA size rules

 SBA promulgated regulations providing an exception to this rule for large and/or bundled contracts

Joint Ventures for 8(a) Contracts

- At least one member must be an 8(a) participant
- Generally all members must qualify as small for the procurement
- SBA must approve the joint venture agreement
- The 8(a) firm must manage the joint venture
- An employee of the 8(a) firm must be the project manager
- The 8(a) firm must receive at least 51% of profits



Joint Ventures for HUBZone Contracts

 All members must be certified HUBZone firms

 All members must qualify as small unless the contract meets the size requirements discussed above



Joint Ventures for Service-Disabled Veteran-Owned Small Business (SDVOSB) Contracts

- At least one member must be a SDVOSB
- All members must qualify as small for the procurement
- Must operate under a joint venture agreement that includes specific terms



Points to Remember

- The specific goals and objectives of the business relationship influence the type of teaming arrangement that is most advantageous to your firm
- Teaming arrangements may affect small business size status under SBA's rules of affiliation
- Teaming arrangements are business relationships with resulting legal implications



Relevant SBA Websites

- SBA www.sba.gov
- HUBZone www.sba.gov/hubzone
- SDB <u>www.sba.gov/sdb</u>
- 8(a) <u>www.sba.gov/8abd</u>
- SBA Offices of Government Contracting
 - www.sba.gov/GC/indexcontacts.html
- Women: www.womenbiz.gov



Operating and Marketing Your Small Business

November 3, 2005



IEM Corporate Overview

- ~300 scientists, engineers, civilian & military defense experts, former state and county emergency management directors and managers, first responders, software developers and testers, database developers
- Think Tank for DHS, Federal agencies, DoD, state and local governments, industry & international concerns
- 21st year in operation





IEM Corporate Headquarters in Baton Rouge. LA

Awards and Recognition

- 2005 Profiles in Progress Award
- 2004 GOVSEC Profiles in Innovation Award
- -2004 Business Leader of the Year
- 2003 Louisiana **Technology Leader of the Year**
- 2003 Lantern Award (LA Economic Development)
- 2001 DCI Portal Excellence Award Finalist
- 2001 Louisiana Technology Company of the Year
- 2000 Cogswell Industrial Security Award
- 2000 National **Reinventing Government** Hammer Award
- Member, <u>Defense Science Board for Intelligence on Terrorism</u>
- Moderator, DTRA <u>Chemical and Biological</u>
 Modeling and Simulation Futures Panel



Markets and Customers

Federal Government











DOD













State













Local













Industry













Necessary Foundation for Success

Passion

Vision

Quality





Keys to Succeeding



- Get involved and be visible
 - Join local industry groups
 - Form your own groups
- Focus on the customer not your product or service
 - What do your customers really need?
- Seek feedback on your work
 - Internal feedback
 - Customer feedback



Growing Your Business

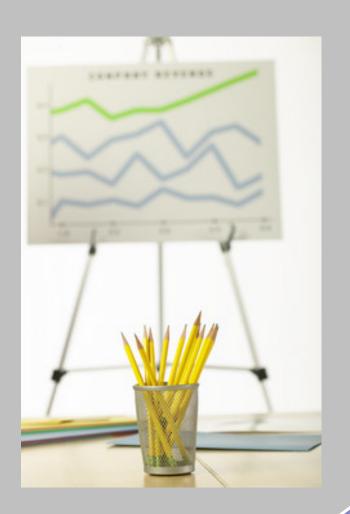
- Take advantage of small business opportunities
 - 8(a) set-asides
 - General Services
 Administration (GSA)
 contracts
- Develop a bidding strategy





Growing Your Business

- Prime whenever possible
 - Large companies often willing to be subcontractors
- Subcontract to large companies for large contracts
 - Provide high-quality, visible service
 - Put your best foot forward with the prime





Marketing to Government & Large Businesses

- Identify strategic targets
- Build relationships
- Market benefits not capabilities

Leverage 8(a) status





Madhu Beriwal

President and CEO
IEM
8555 United Plaza Blvd.,
Suite 100
www.iem.com

Managing Risk in a Complex World



Ninth Annual Army Small Business Conference

Continuing Opportunities for Small Businesses

The Honorable Claude M. Bolton, Jr.
Assistant Secretary of the Army
(Acquisition, Logistics and Technology) and
Army Acquisition Executive
November 2, 2005

An Amazing Set of Facts

The Human Brain

Computational Power =

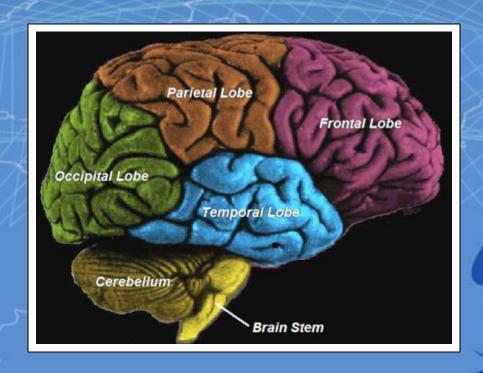
Weight

Volume

= 10¹⁶ cycles per second

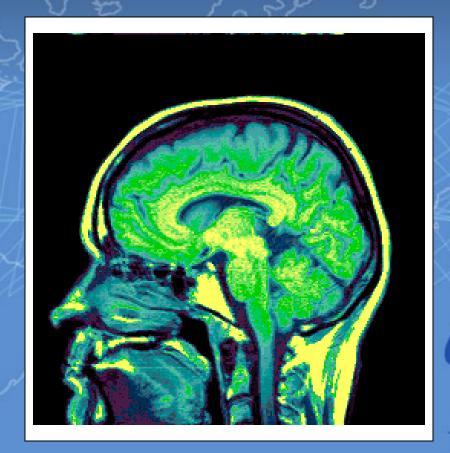
= 4 lbs.

= 0.06 cubic feet



Trivia Question

How Many Watts Of Power Does The Human Brain Consume?



Trivia Answer

15 Watts

Bluegene Is The Most Powerful Supercomputer.

Computational Power = 10¹⁵ cycles per second

Weight = 100,000 lbs.

Volume = 5000 cubic feet



Power Required = 2,000,000 Watts

(Data provided by Lawrence Livermore National Laboratory)

Challenges

- > Provide the Soldier
 - > Right Product
 - > Right Time
 - > Right Place
 - > Right Price

- > Focus Areas
 - > Programs
 - > People
 - > Production
 - > Improvement

Rapid Fielding Initiative Equipment Items Fielded to *All* Soldiers

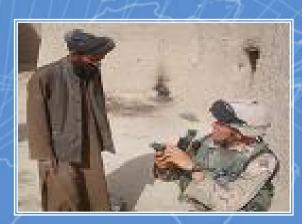


Rapid Equipping Force (REF)

REF IS an Innovative Provider of State-of-the-Art Equipment Not Available to Commanders Through the Regular Fielding Process.



PACKBOT



Translators



Wellcam

Network-Centric Stryker Brigades













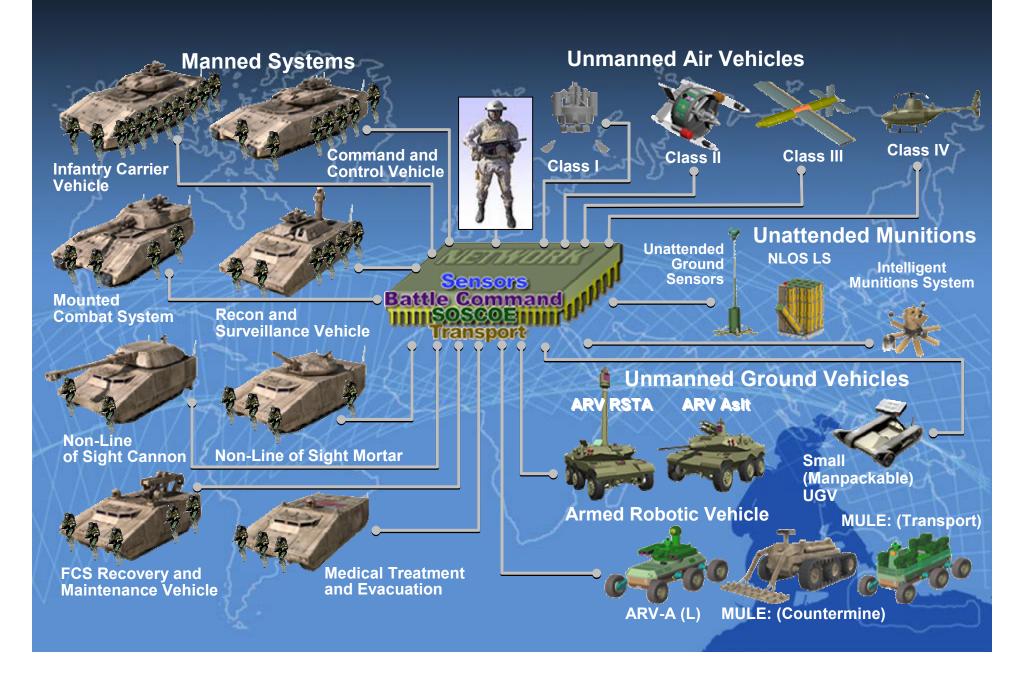




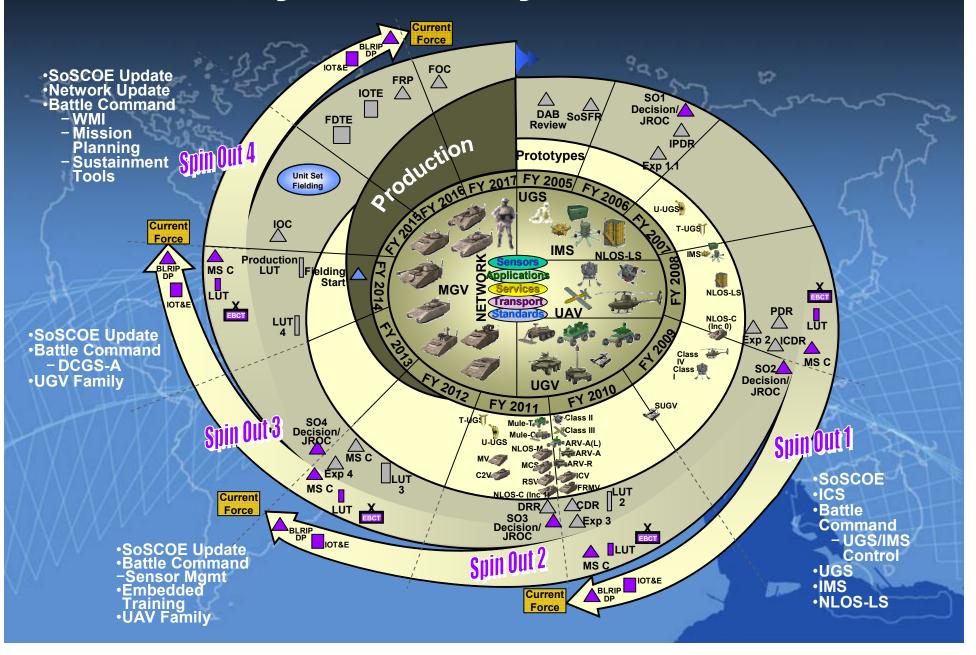




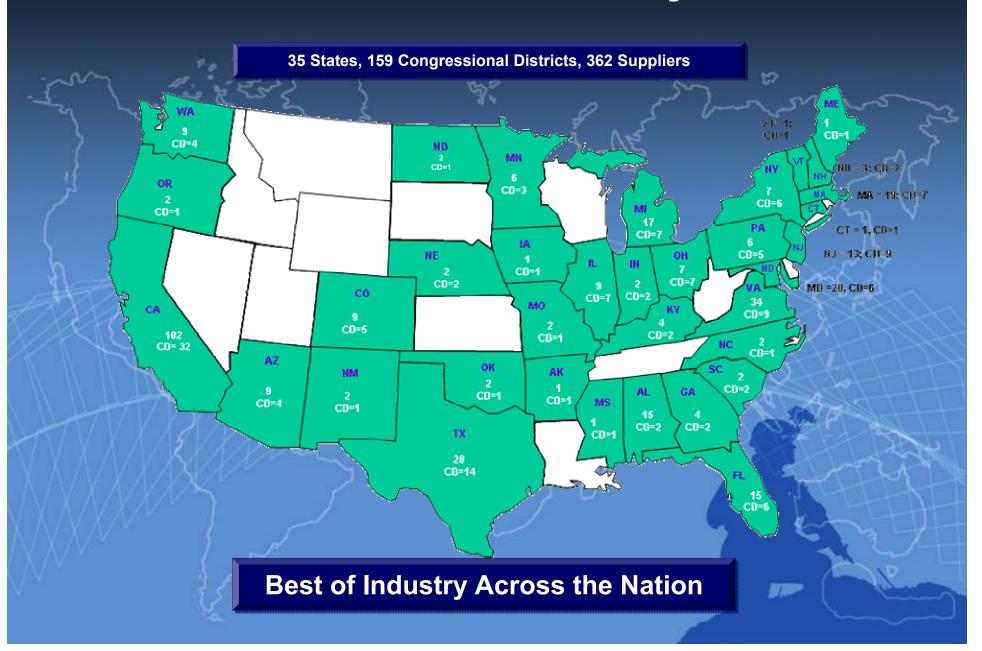
FCS Increment 1



PM UA System of Systems Schedule



FCS One Team Industry Base



Small Business Performance Partners – As of 31 Mar 2005 (Current Period)

Category	SB	SDB	WOSB	HUBZSB	VOSB	SDVOSB
Program Goal	17.5%	3.5%	2.5%	0.3%	1.5%	0.2%
As of March 2004	\$ 48,170,426	\$ 8,412,789	\$ 4,622,229	\$ 605,973	\$ 16,598,747	\$ 5,226,250
Commitment Percentage	16.9%	2.9%	1.6%	0.2%	5.8%	1.8%
\$ as of March 2005	\$ 125,980,861	\$ 15,982,605	\$ 12,016,365	\$ 2,309,963	\$ 35,440,225	\$ 11,979,935
Commitment Percentage	16.5%	2.1%	1.6%	0.3%	4.6%	1.6%
\$ as of September 2005	\$ 237,620,977	\$ 36,427,721	\$ 25,899,058	\$ 4,332,556	\$ 58,559,727	\$ 24,093,421
Commitment Percentage	13.2%	2.0%	1.4%	0.2%	3.2%	1.3%

SB Small Business

SDB Small Disadvantaged Business

WOSB Woman owned Small Business

HUBZSB Hub Zone Small Business

VOSB Veteran Owned Small Business

SDVOSB Service Disabled VOSB

Better than Goal
Better than 60% of Goal
Less than 60% of Goal

Data is from most recent (May 2005) LSI semi-annual Small Business Subcontracting Report

Things On My Mind

How Do We Know We Are Meeting The Spirit and Intent of The Law?

- DD Form 350 Individual Contracting Action Report
- DD Form 1057
 Monthly Summary of Contracting Actions

Army Prime Contract Awards

ي کي (کر: وع	DOLLAI	RS (M\$)	NAT'L	GOAL	% ACHIEVED		
Jan & El	FY04	FY05	FY04	FY05	FY04	FY05	
US Business	\$55, 493	\$68,672	~ .	Me		,	
Small Business	\$15,471	\$19,670	23.00%	23.00%	27.90%	28.60%	
Small Disadvantaged Business	\$5,005	\$6,431	5.00%	5.00%	9.00%	9.40%	
Women- Owned SB	\$2,029	\$2,484	5.00%	5.00%	3.70%	3.60%	
HUBZone Small Business	\$1,573	\$2,117	3.00%	3.00%	2.80%	3.10%	
Service Disabled Veteran- Owned SB	\$233	\$443	3.00%	3.00%	0.40%	0.60%	

Things On My Mind

Are We Better Off Today Because of Small Business?

- More than 25 million small businesses in America
- Supplied over 23 percent of the total value of federal prime contracts in FY 2004
- Produced 13 to 14 times more patents per employee than large patenting firms
- Employs 41 percent of high tech workers
- Pays 45 percent of total U.S. private payroll

The Process

ACQUIRE RESOURCES **OPERATE/** RETIRE **CAPABILITY** DEVELOP SUSTAIN DEMIL NEED CONTRACT UPGRADE/ TEST **MODERNIZE** PRODUCE FMS FIELD

acquisition ACQUISITION

DOTLMPF

Doctrine, Organizations, Training, Leader Development, Materiel, Personnel, Facilities





Performance Based Acquisition

November 3, 2005

Army Small Business Conference

Acquisition Solutions, Inc Shaw Cohe



Performance Based Acquisition

"Means structuring all aspects of an acquisition around the purpose of the work to be performed with the contract requirements set forth in clear, specific and objective terms with measurable outcomes as opposed to either the manner by which the work to to be performed or broad and imprecise statements of work."

Stop Buying Compliance – Start Buying Results

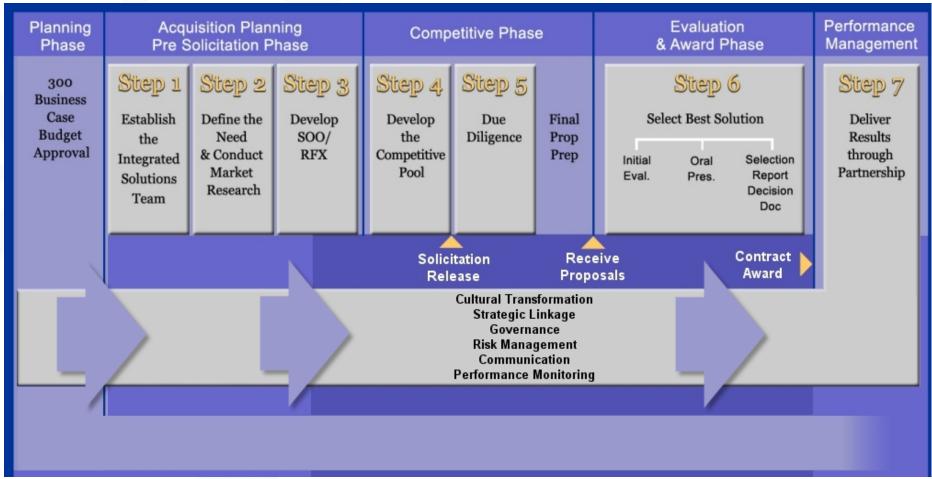


How You Buy Changes What You Buy

- Essence of Performance Based
 - Stop Buying Compliance Start Buying Results
- Changes Acquisition Dynamics
 - Government Understands Problem to Be Solved
 - Industry Understands Solutions
- 7 Steps Statement of Objectives
 - —Shared Goals and Objectives
 - 20 Major Programs \$16 billion



Seven Steps





Performance Based Acquisition

"Never tell people how to do things. Tell them what to do and they will surprise you with their ingenuity."

-- General George S. Patton



Technology Research Consultants, Inc.









What You Need to Know Before You Team/Partner

Presented to

9th Annual

Army Small Business Conference

Presented By

Technology Research Consultants, Inc.

dennison@trc-hq.com

November 8, 2005



Technology Research Consultants, Inc.

Manufacturing & Integration DOD Prime Contractor

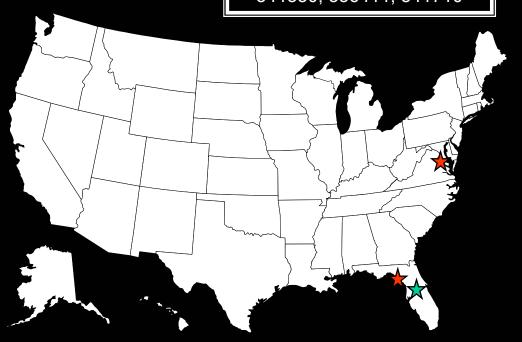
A Veteran Woman Owned Small Disadvantaged Manufacturing & Integration Business

- Veteran, Disadvantaged, Woman Owned Small Business
- Established in June 2002
- 8(a) Certification Granted: October 2002
- 2004 Sales: \$6.3M Orders: \$25.2M
- 2005 Sales: \$13.6M Orders: \$46.2M

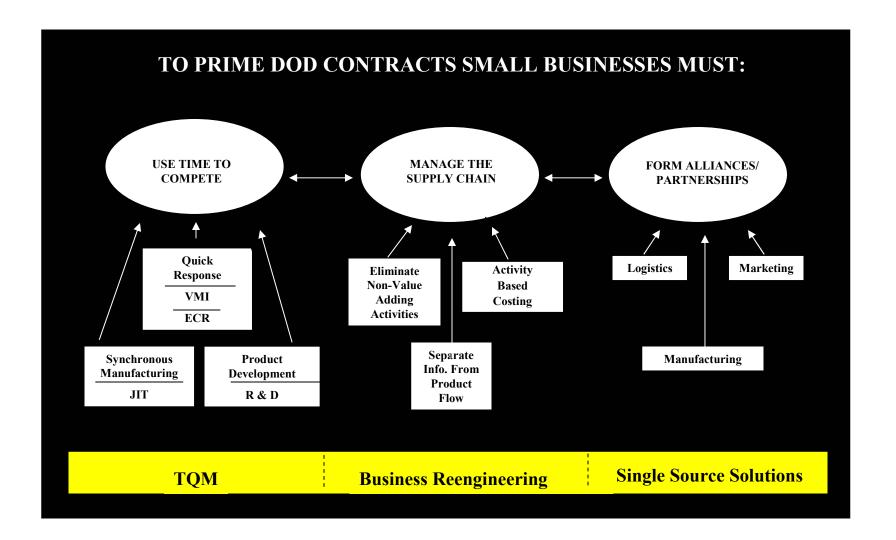
NAICS Codes: 334511, 541511, 514210, 514191, 541513, 541330, 541210, 541330, 336411, 541710

Locations

- **★**Corporate Headquarters 2801 US Hwy 17/92 West Haines City, Florida 33844
- **★** Bushnell, Florida
- * Alexandria, Virginia
- ★ Opening 3 Sites 2006









TIE ALLIANCE STRATEGIES TO THE CORPORATE BUSINESS PLAN **ENTRY SUSTAINING EXIT** • New Discriminator Diversification • Alternative for Customer Leveraging • Current Cost Reduction • Buyer/Seller Transition • Pushes Innovation Novations - Customer Base - Infrastructure • Turn Key Solutions • Reduces Exit Cost • Lower Risk Exposure Acquisition Trial Stepping Stone • DOD PRIME vs. SUB • Reduces Transition Cost



Customer Service

- Responsiveness
- On-Time
 Performance
- Time Based Competition
- Outside Expertise
 - Infrastructure
- Transportation
- Combine Technologies

Teaming/Alliance Considerations

Economics/ Costs

- Productivity Gains
- Improved Cost Controls
- Economies of Scale
- Labor, Insurance
- Overhead
- Purchasing Power
- Asset Utilization

Business Reengineering

- Refocus on Core
- Rationalization
- Integrated Supply
 Chain
- Rightsizing
- Downsizing
- Cost Reductions

Quality

- Variability
- Damage
- Information
- Customer

Interfaces



IDENTIFY GOALS

Customer Service

Channel Network

Labor Issues

Investment Alternatives

Operating Costs

Capacity Constraint

Product/Process

Technologies

Marketing Access

Functional Expertise

Internal Organization

Vendor Base

PARTNERSHIP SELECTION PROCESS

IDENTIFY REQUIRED SERVICES

Inbound Transportation

JIT Pickup / Delivery

Information Systems

Ordering Admin

Import/Export
Activities

Production / Assembly

IDENTIFY SPECIFIC OBJECTIVES

Improve Financial Performance

Reduce Investment

Improve Productivity

Improve Customer Service

Improve System Flexibility

Gain Distinctive Competencies

Improve Work Environment

Improve Control Over Operations

DETERMINE SELECTION CRITERIA

Size of Firm

Financial
Performance and
Stability

Efficiency of Operations

Capacity

Experience / Past Performance Record

IT & Quality Organizations

Compatibility of Corporate Cultures



Technology Research Consultants, Inc.

A Veteran Woman Owned Small Disadvantaged Manufacturing & Integration Business

Managing Long Term Partnerships

Key Factors

- Sense of Trust
- Mutually Beneficial Written Agreement
- Mitigate Affiliation Issues First
- Pricing Strategies
- Management Commitment
- Shared Risk
- Clearly Defined Goals
- Teamwork/Task Force P&L Center
- On-Going Performance Measurement
- Two-Way Feedback/Communication
- Incentives That Reinforce Goal Structure

Identify Partner's Major Expectations

Identify Barriers to a Successful Long Term Partnership

Mutually Identify and Set Performance Standards

Monitor and Measure Performance

Evaluate Variances/Gaps

Communicate Problems and Performance Levels

Create Environment Based on Mutual Trust Technology Research Consultants, Inc.

A Veteran Woman Owned Small Disadvantaged Manufacturing & Integration Business

THE SEAMLESS PARTNERSHIP SB PRIMES FACE: •LARGER CONTRACTS **DCAA DCMA** •PREAWARD SURVEYS - PAST PERFORMANCE - FINANCING AGTS **FINANCE ADMINISTRATIVE AMC** TECHNICAL **SME** - QUALITY INFRASTRUCTURE **SMALL BUSINESS COMMODITY** -Acct -AQ Center •DFAR/FAR ALLOWS: **PRIME** -Legal -Program Mgr -HR - LG/SB TEAMING -Item Matl Mgr **PROCUREMENT** - SMALL BUSINESS JV - MENTOR INVESTMENT **VENDORS SUBCONTRACTORS AMC – AN ACQUISITON ENVIRONMENT ENCOURAGING SMALL BUSINESS TEAMING**



Small Business Benefits ALLIANCE EXAMPLE • Infrastructure Support **SUBCONTRACTOR** Larger Contract Award \$'s Large Business Alliance Partner Lower Cost of Capital • Increase Facility Capacities Sub DL \$'s Small Business Machining Center **Material Purchasing** Subsidized Marketing Costs Operations Alliance Partner **Large Business Benefits PRIME** Human Resources Increased Market Share • Participate in Small Business Segment Accounting **Small Business** • Lowers Material Handling Factor **Contract Awards** Contracts **Alliance Benefits** • Innovative Cost Pool Business Development • Leverages Core Competency Synergies

Question and Answer Session

Sample SBA Approved Large Business / Small Business Teaming Agreement at

www.trc-hq.com

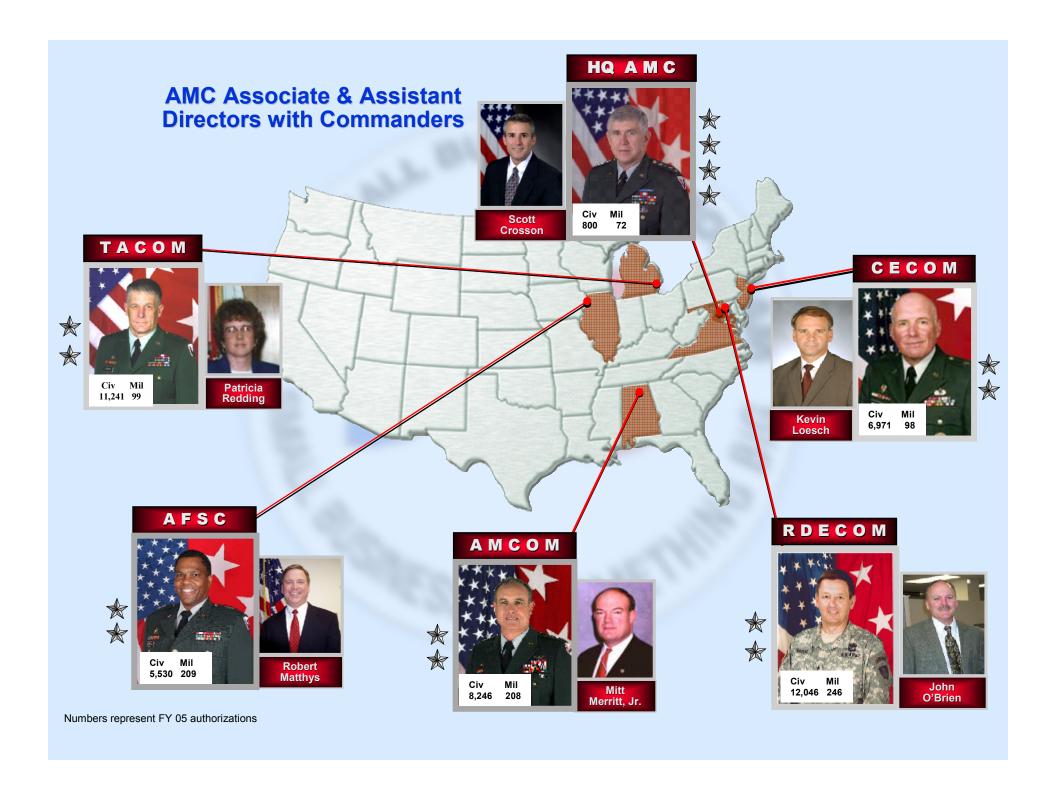
Special Recognition and Thanks Given To:



University of Alabama

dmiller@proctr.cba.ua.edu

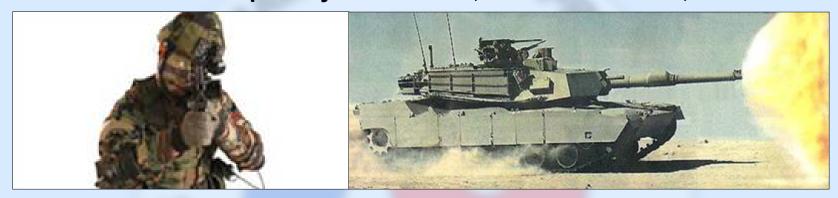






Mission

Provide superior technology, acquisition support and logistics to ensure dominant land force capability for Soldiers, the United States, and our Allies.



"If a Soldier shoots it, drives it, flies it, wears it, or eats it,

Army Materiel Command provides it."



"Need to be faster, more agile, less bureaucratic - Need to fight this every day"

AMC Commanders and Deputies



Mr. Michael Parker

COL Peter Cooper



Civilian 2,448 | Military 12

Tank-automotive & Armaments Command LCMC

MG Mike Lenaers

Mr. Jack Dugan



Civilian 11,241 | Military 99

Army Field Support Command

MG Jerome Johnson Mr. Scott Welker



Civilian 5,530 | Military 209

Army Materiel Command LTG William E. Ms. Kathryn Szymanski CSM Daniel K. Elder

Civilian 800 | Military 72

Presence:

Locations - 149

States – 43

Countries - 55

Personnel: 48,966

Total AMC in SWA - 57,279

Aviation and Missile Command LCMC

MG James Pillsbury Dr. Richard W. Amos



Civilian 8,246 | Military 208

FY 05 AUTHORIZATIONS

Communications-Electronics LCMC

MG Michael R. Mazzucchi



Mr. Victor J. Ferlise

Edward T. Bair



BG Nickolas Justice

Civilian 6,854 | Military 95

Research, Development & Engineering Command

MG Roger Nadeau

Dr. Robin Keesee





Civilian 12,046 | Military 246

US Army Security Assistance Command

BG Clinton Anderson

Mr. Rick Alpaugh



Civilian 560 | Military 50

Life Cycle Management Commands...Soldier Focused

AMC Life Cycle Management Commands TACOM, AMCOM, C-E LCMC, CMA, JMC

Lessons Learned

Solutions

• Unity of effort between Acquisition, Research and Logistics communities

 Acquisition decision authority between AAE and PEOs not affected. <u>Customers</u>

- DOD and Dept of Army
- Combatant Commands
- Allies
- Coalition
- Other Services, NASA
- Dept Homeland Security

RDECOM

Future Capabilities

TRADOC, DARPA, National Labs, Industry Academia AFSC:
AMC's Face
to the Field

Resolices Direction

Technology/System Improvements

More Reliable Systems, Reduced Cost

Production **Decision**

PEOs/ PMs Industry

AMC Small Business Offices AMC contracts for: Weapon systems/transformation • R&D **Watervliet Arsenal** Spare parts RDECOM Maintenance Other services **Natick Rock** Island Tobyhanna AD Arsena -ARDEC 3 Sierra terkenny CE-LCMC **TACOM-RI** AD **Tech App Office Tooele** AD **Army Research** Lab Pine Blu McAlester **Aviation** AAP **Arsena** AMÇON **Applied Tech** Dir Red River AD nniston AD Army Research **CE-LCMC SW** Office Corpus Christi • Army Field Support Command (AFSC) **Small Business Specialists** Aviation and Missile Life Cycle Management Command (AMCOM LCMC) Communications-Electronics Life Cycle Management Command (CE-LCMC) Full Time - 40 Research, Development & Engineering Command (RDECOM) Part Time - 15

TACOM Life Cycle Management Command (TACOM LCMC)

Small Business is Big Business At AMC

Total Contracts \$ 41.9 Billion

Small Business \$ 7.1 Billion

Total 2005

Small Business is...... Big Business!

- Nearly 25 Million American small businesses
- Highly Innovative 13-14 more patents per employee than large firms
- Employ half of all private sector employees
- Generate more than 50% of non-farm U.S. gross domestic product
- Principal source of net new jobs in the U.S. economy (60-80% over past decade)

Smart Business!

Innovation

Responsiveness

Flexibility

Savings/Value

Small BusinessA Critical Component of our Defense Industrial Base

Supporting America's Warfighters

- Batteries, antennas, night vision components, handheld signal devices
- AH-64 tail rotor blade erosion strips
- Uniforms, body armor, ballistic blankets, munitions
- Unmanned systems, mine detectors
- Modular structures and tents, counter-intelligence analysis, training systems
- Radio frequency tags
- Small Business Innovative Research

CAPABILITY, CAPABILITY, CAPABILITY!

Small Business Successes

- Bunker Defeat Munition
- * AN/PSS- 14 (Handheld Standoff Mine Detection System)
- **BA-5390/U Battery**
- *** HMMWV Mounted Air Conditioner**

SMAW-D Bunker Defeat Munition (BDM)

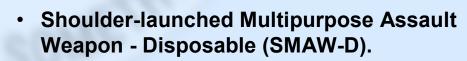
Demonstrated
Effective Against
Bunkers, Caves, Walls,
Buildings & Armor

Combat Proven in Afghanistan and Iraq

"SMAW-D IS AN AWESOME WEAPON!"

"MY ONLY REGRET IS THAT WE COULD NOT CARRY ENOUGH OF THEM!" – NCO 10th Mountain Division





- Light weight, single shot, disposable.
- Designed to defeat earth and timber bunkers, concrete and brick walls, and light armored vehicles.

AN/PSS-14

(formerly HSTAMIDS: Handheld Standoff Mine Detection System)



- Produced 210 units in 6 mos.
 from initial request, 1500 to date.
- Deployed in Afghanistan & Iraq.
- Technology used for other products in support of DOD & other government agencies.
- High probability of detection & low false alarm rate; saves time, reduces costs and <u>saves lives</u>.



Autonomous Mine Detection Sensor

Through Wall Sensor

Buried Utility Location Sensor

BA-5390/U



AN/PSC-5
Satellite Radio

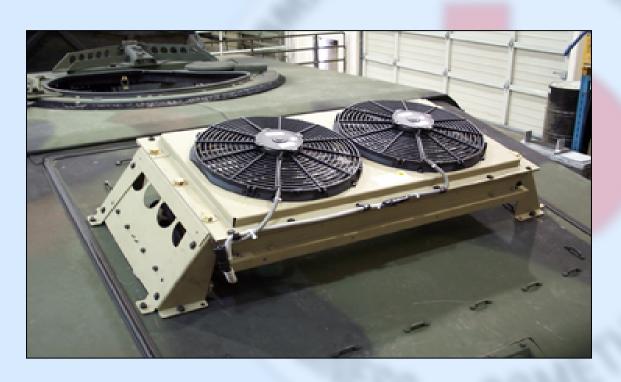
M-22 Chemical Agent Alarm

- More mission time (lasts up to 2X longer).
- Reduced battery carry/disposal requirement .
- Increased safety (no toxic or corrosive electrolytes).
- Lower life cycle cost .



SINCGARS (Single Channel Ground and Airborne Radio System) & Javelin Command Launch Unit

HMMWV Mounted Air Conditioner





- Developed for Add-on Armor HMMWV.
- Lowers temperatures inside HMMWV as much as 40 degrees F.
- Helps to prevent heat-related fatigue.

How You Can Help

- On time delivery on all contracts.
- Feedback on how to work smarter.
- Small Business Innovation Research- Maintain situational awareness of current and emerging needs and respond.
- Identify alternative technology solutions to those currently being pursued.
- Continue to become more effective and efficient Lean your processes.
- Provide effective responses to sources sought notices.







Large Business Exhibitors

AAI Corp.

ATK

BAE Systems

Boeing

Computer Sciences Corp.

Cubic Defense

EDS

Engineered Support Systems, Inc.

General Dynamics

ITT Industries

KBR

L-3 Titan Group

Lockheed Martin Corp.

McKenna Long & Aldridge

Northrop Grumman Corp.

Oracle

Oshkosh Truck Corp.

Raytheon Company

SAIC

Severn Trent Labs, Inc.

Stewart & Stevenson

VSE Corporation

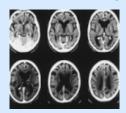
Basic Research...

The Next Generation of Paradigm Shifting Technologies

Decade of the 1970's

Structural Imaging

Artificial Intelligence



1971 – First Practical X-ray Computed Tomography Image



1970-Shakey the robot

Supercomputing

Microprocessors



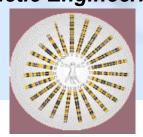
1971 – First 4 Bit Microprocessor in Production



1975 – Cray I Supercomputer

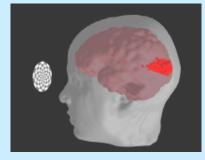






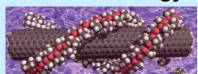
Today for 2020 and beyond...

Functional Brain Imaging



Robotics

Nanotechnology

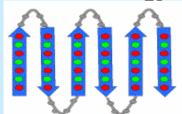


Immersive Environments



Quantum Computing

Biotechnology



Focus Areas With Potential Business Opportunities

- Joint mindset
- Transformation FCS technologies
- The Soldier
- Force Protection
- Weight/cube reductions
- Power management
- Advanced sensor development
- Thermal imaging & optics
- Modularity and adaptability
- Miniaturization & nanotechnology
- Unmanned/autonomous systems/robotics
- Wireless network technologies
- Rapid fielding
- Logistics management
- Data management
- Lean/Six Sigma

Top 10 Reasons to Love SMALL BUSINESS

The Office of Advocacy of the Small Business Administration offers the top 10 reasons to love small business, the heart of the American economy

10.

Small businesses make up more than 99.7% of all employers.

9.

Small businesses create more than 50 percent of the non-farm private gross domestic product (GDP).

8.

Small patenting firms produce 13 to 14 times more patents per employee than large patenting firms.

7.

The 22.9 million small businesses in the United States are located in virtually every neighborhood.

6.

Small businesses employ about 50 percent of all private sector workers.

5.

Home-based businesses account for 53 percent of all small businesses.

4.

Small businesses make up 97 percent of exporters and produce 29 percent of all export value.

3.

Small businesses with employees start-up at a rate of over 500,000 per year

2.

Four years after start-up, half of all small businesses with employees remain open

1.

The latest figures show that small businesses create 75 percent of the net new jobs in our economy.

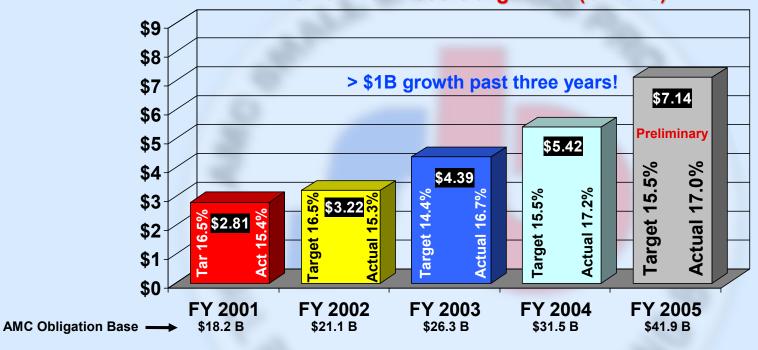
AMC Small Business Program FY 05 Goals & Performance

Category	Total Obligations Millions 1 Oct 04 - 30 Sep 05	DA Target % of Obligations	Achieved % of Obligations	% of Actions		06 Targets
Small Business	\$ <mark>7,138</mark>	15.5%	17.0%	58.5%		16.5% 🕈
Small Disadvantaged Business	\$1,047	3.5%	3.2%	7.9%	•	3.5%
Woman-Owned Small Business	\$721	2.1%	1.7%	8.0%		2.1%
Service-Disabled Veteran- Owned SB	\$98	1.0%	0.2%	0.8%		1.0%
Historically Underutilized Business Zone (HUBZone)	\$251	1.0%	0.8%	2.3%		1.3% ↑
Historically Black Colleges & Universities/Minority Institutions (HBCU/MIs)	\$22	11.8%	14.6%	13.9%		12.3% 🕈

Base for other than HBCU/MI is total AMC awards to all US businesses – nearly \$42 billion HBCU/MI base is total AMC awards to Higher Education Institutions – over \$199 million

AMC Small Business Program Performance

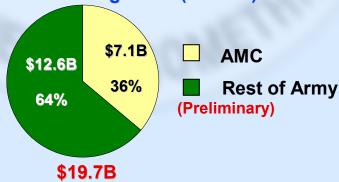




58.5% of 62,421 contract actions awarded to small businesses!

69.4% competed!

SMALL BUSINESS Obligations (billions)



Pursuing Transformational Capabilities

Smaller, Lighter, Faster—Smarter

Current Force



~100 lb. load

From Platforms to System of Systems



70+ tons



mph



Transportability

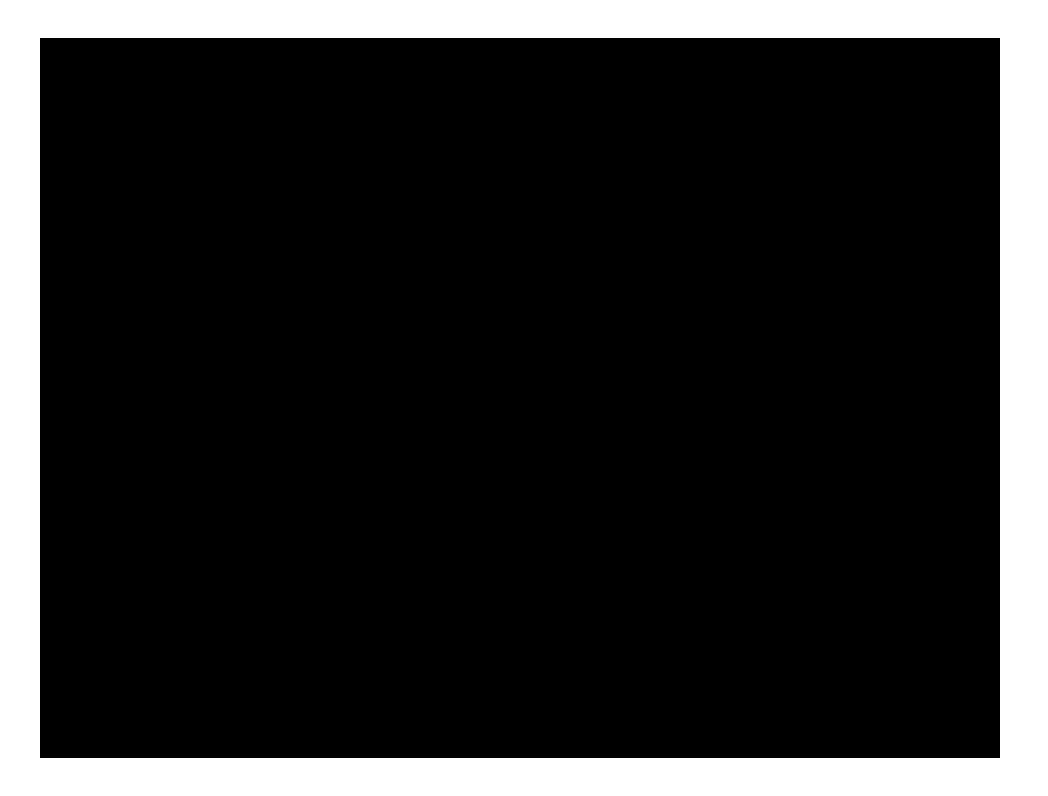
Future Force

< 40 lb.effective load

> < 20 tons

> 40 mph





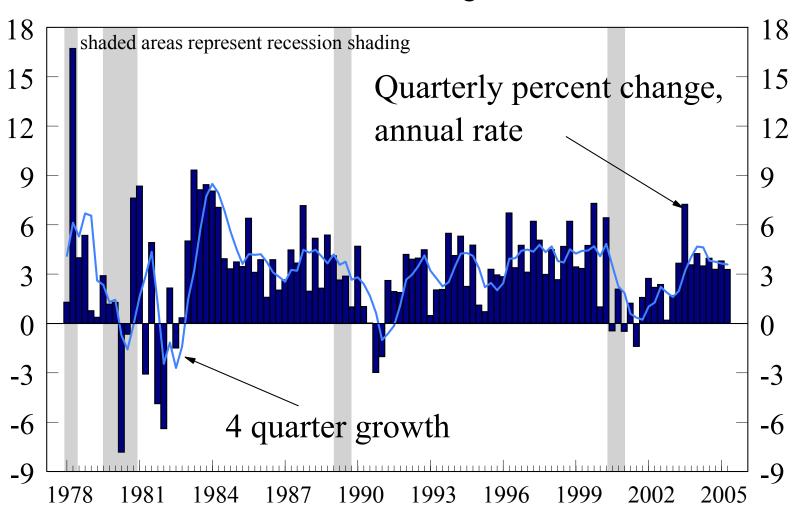
U.S. Economic Outlook

Keith Hall, Chief Economist U.S. Department of Commerce

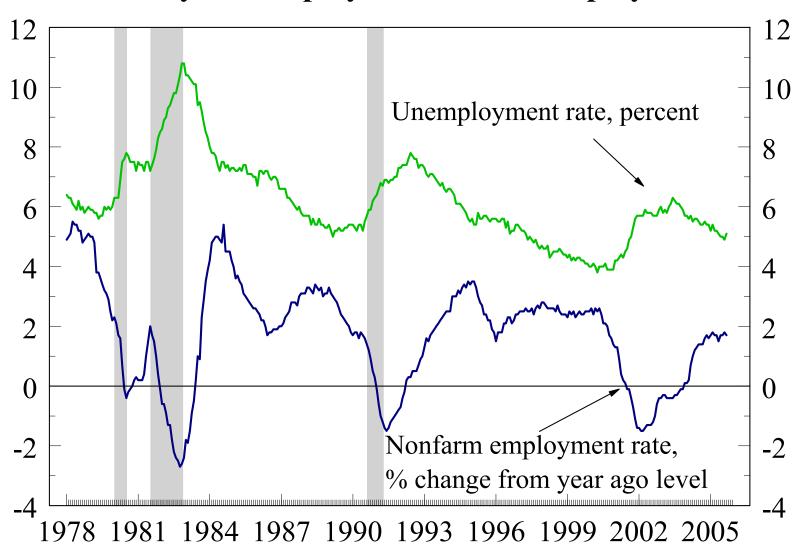
9th Annual
Army Small Business Conference
November 3, 2005

Real GDP

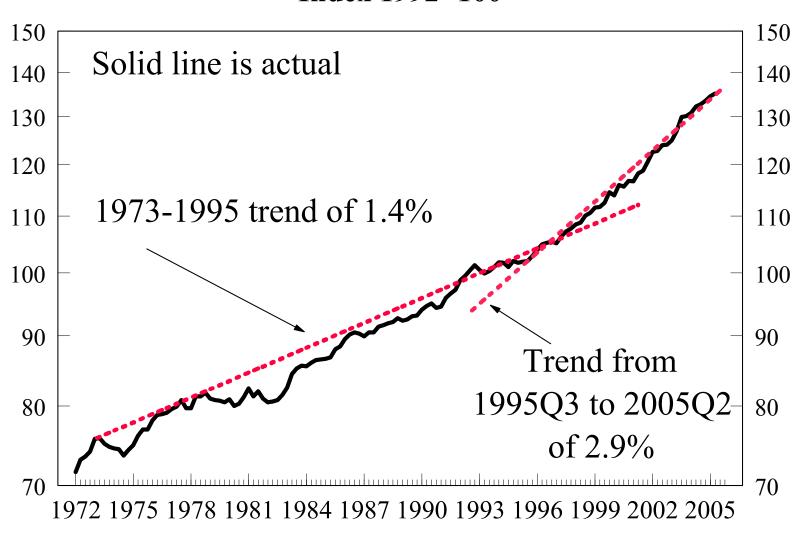
Percent Change



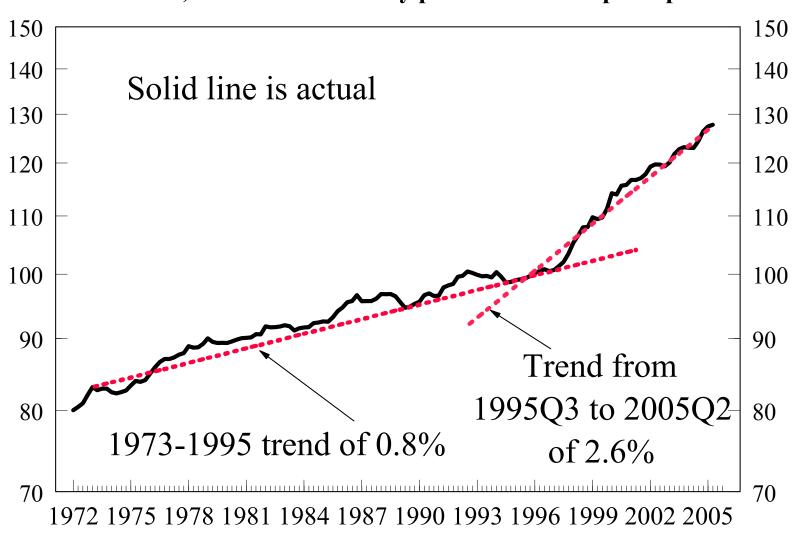
Nonfarm Payroll Employment and Unemployment Rate



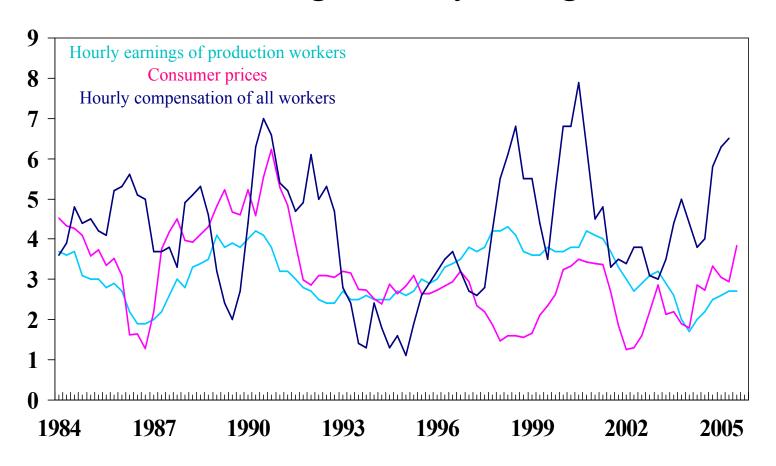
Productivity in the Nonfarm Business Sector Index 1992=100



Real Compensation per Hour in the Nonfarm Business Sector Index 1992=100, nominal deflated by personal consumption price index

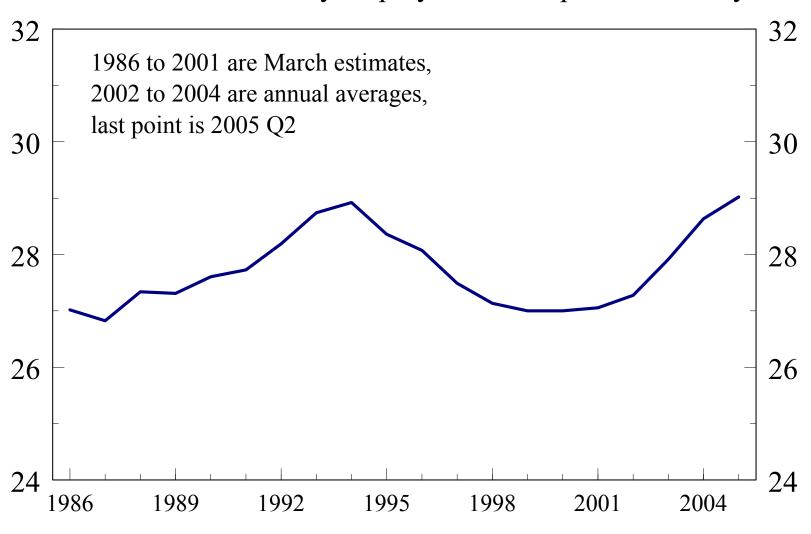


Hourly Earnings and Inflation Percent Change from year-ago level



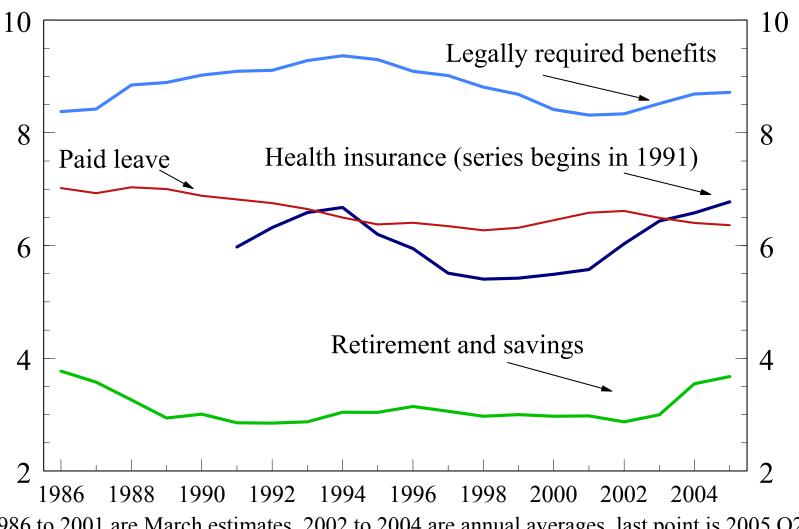
Benefit Costs

Percent of total hourly employer costs in private industry



Selected Benefit Costs

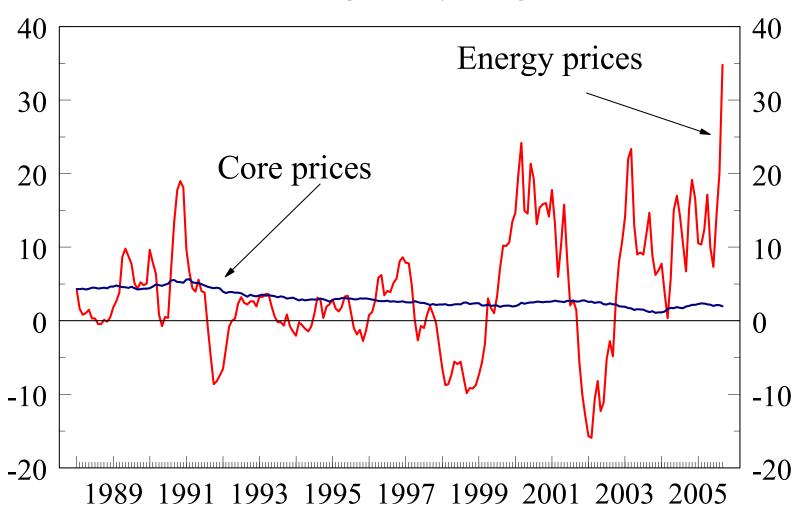
Percent of total hourly employer costs in private industry



1986 to 2001 are March estimates, 2002 to 2004 are annual averages, last point is 2005 Q2

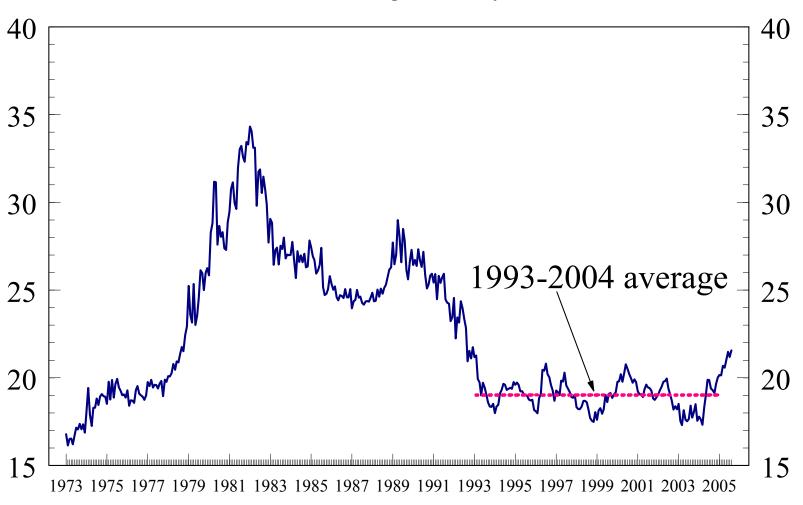
Consumer Price Index

Percent change over year-ago level



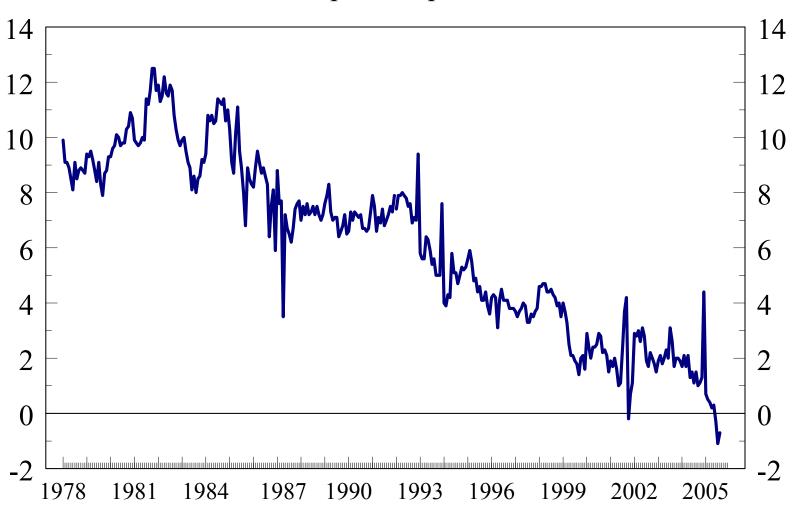
Monthly Mortgage Payment

Percent of Average Family Income



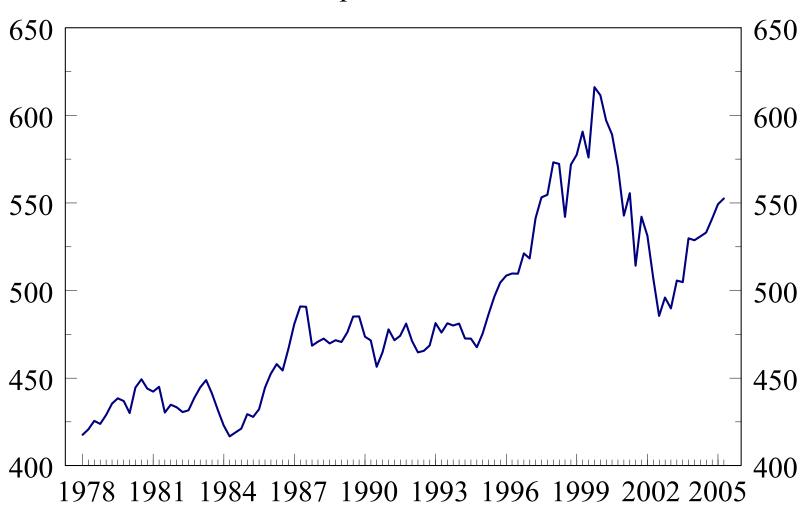
Personal Saving

Percent of disposable personal income



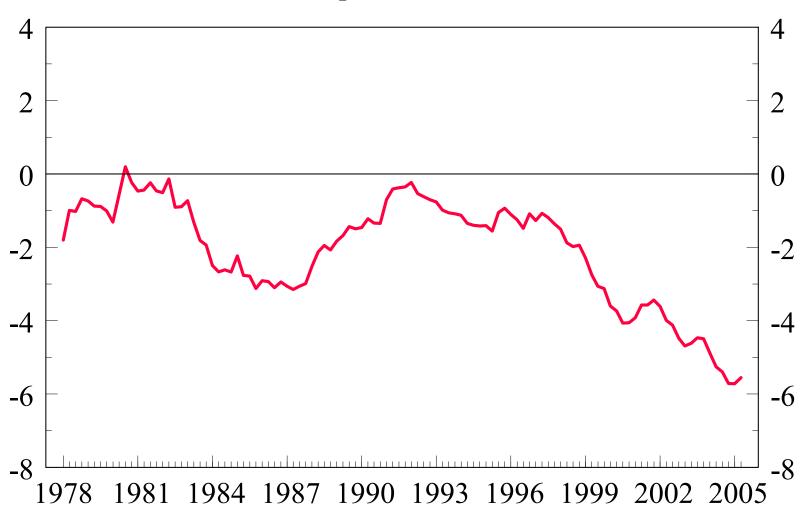
Household Net Worth

Percent of Disposable Personal Income



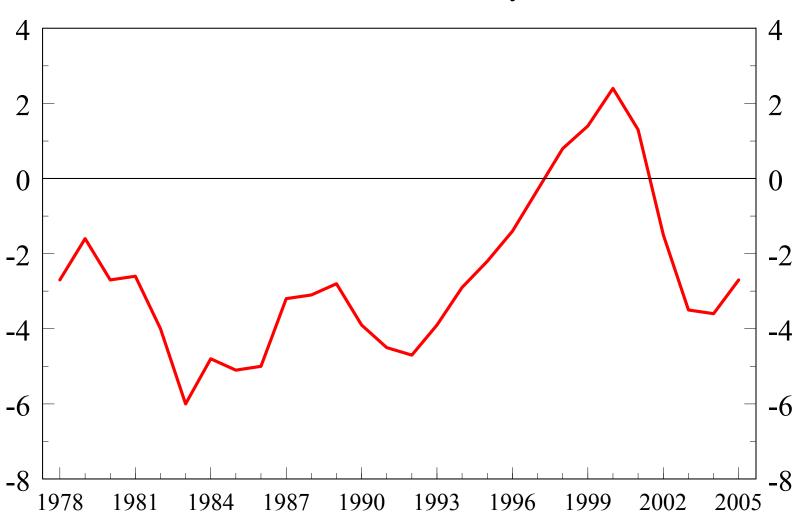
Trade Balance in Goods and Services

As a percent of GDP



Federal Government Budget Balance

Percent of GDP, fiscal years



Estimates in billions of 2005 dollars

	1992 Hurricane Andrew	1994 Northridge, CA Earthquake	2001 Sept 11	2005 Hurricane Katrina/Rita
Losses	38.5	48.7	87	70-130
Insured Losses	19.2	18.8	35.2	40-67*
Uninsured Losses	19.3	29.9	51.8	30-63

^{*}Estimate from Risk Management Solutions

Source: Congressional Budget Office

Estimates of the Value of Capital Stock Destroyed by Hurricanes Katrina and Rita (billions of 2005 dollars)

	<u>Range</u>
Housing	17-33
Consumer Durable Goods	5-9
Energy Sector	18-31
Other Private-Sector	16-32
Government	13-25

Total 70-130

Source: Congressional Budget Office

Estimated Net effect of Hurricane Katrina on Real Gross Domestic Product (Billions of 2005 dollars at annual rates)

	2005	200	06	2007	,
	2 nd half	1 st half	2 nd half	1 st half	2 nd half
Energy Production	-18 to -28	-8 to -10	-5 to -7	-5 to -7	-5 to -7
Housing Services	-1 to -2	-2 to -4	-1 to -3	0 to -2	0 to -2
Agricultural Production	-1 to -2	0	0	0	0
Replacement Investment	6 to 12	16 to 34	16 to 35	16 to 35	12 to 25
Government Spending on Goods and Services	6 to 10	12 to 18	14 to 20	10 to 16	7 to 11
Effect of Higher Energy Prices on Non-energ Consumption	-6 to -10 y	-5 to -7	-2 to -5	-1 to -3	0 to -2
Other Consumption	-8 to -12	-2 to -4	-1 to -3	-1 to- 3	0 to -2
Real GDP	-22 to -32	11 to 27	21 to 37	19 to 36	14 to 23
Approximate percentage points in growth in real GDI	-0.4 to -0.6	0.2 to 0.5	0.4 to 0.7	0.3 to 0.6	0.2 to 0.4

Source: Congressional Budget Office

*OEC calculation

Employment Effects

Hurricanes Katrina and Rita Probable Loss of 293,000 to 480,000 jobs

Katrina:

- Extended loss of 280,000 to 400,000 jobs (lower bound from unemployment insurance filed)
- Before Katrina, for the 86 counties/parishes eligible for disaster assistance, employment stood at 2.4 million jobs (1.9 percent of national total).
- In 2004, wage bill for those counties was \$76.7 billion (1.5 percent of national total)
- In 2004Q4, the areas FEMA identified as damaged contained 22,500 business establishments, 373,000 workers, \$3.5 billion in wages/salaries.

Rita:

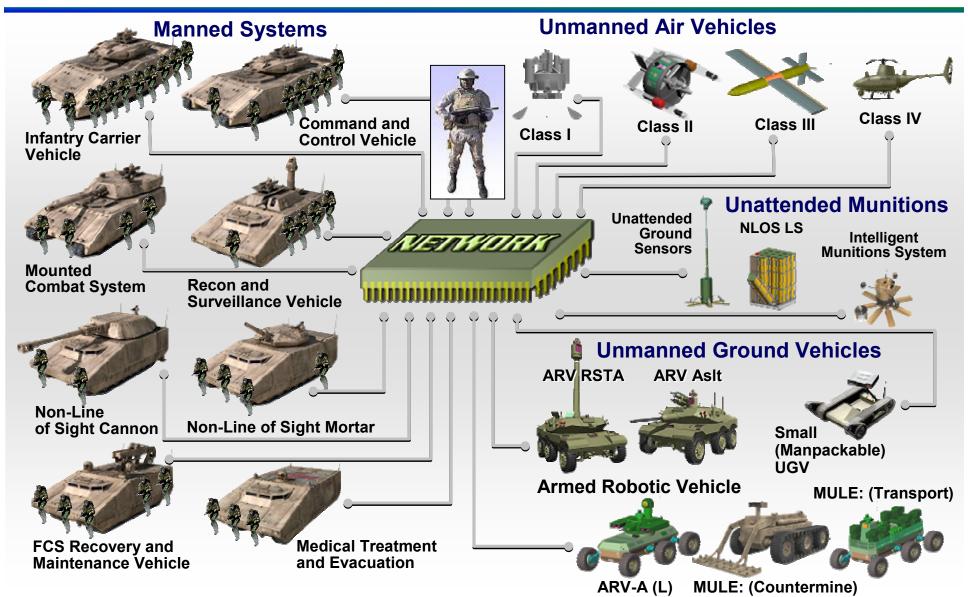
- Possible extended loss of 12,600 to 80,000 jobs.
- In 2004Q4, the areas FEMA identifies as damaged contained 12,600 jobs and a wage bill of \$115 million.
- Estimate that 70,000 jobs, half of total employment within half mile of storm damage, will face prolonged risk.

Source: Congressional Budget Office



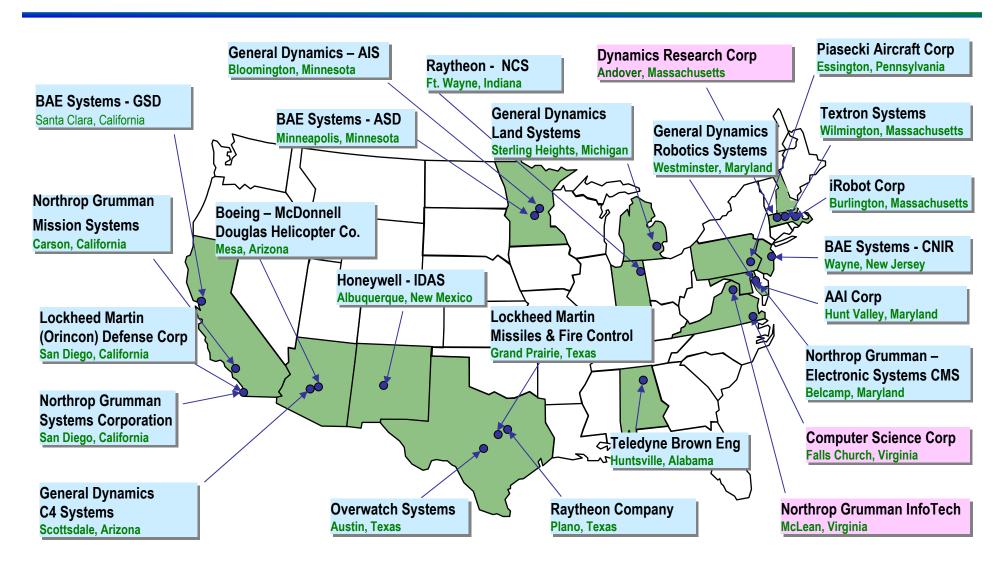
FCS System-of-Systems





FCS "Best of Industry" Team



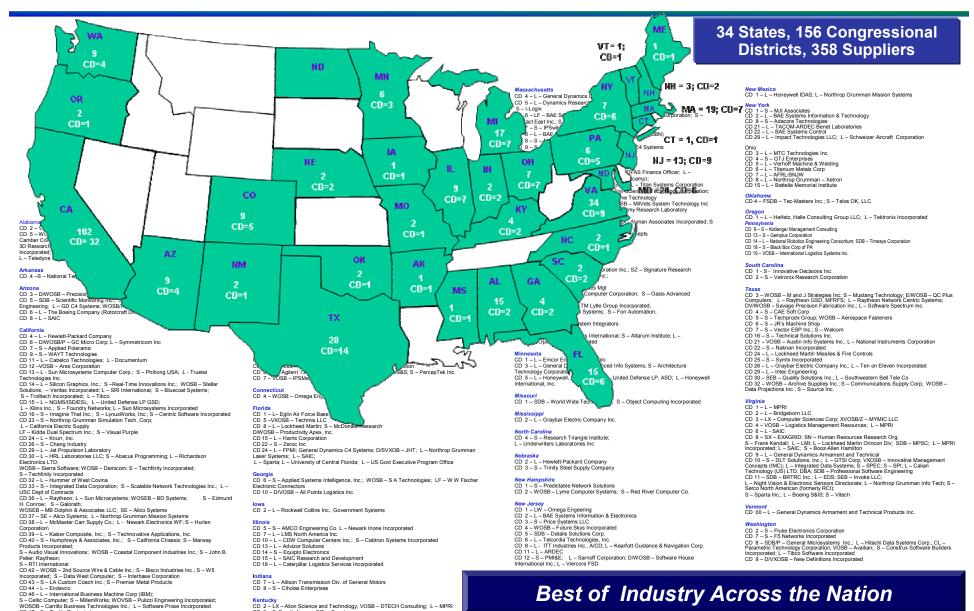


FCS One Team Industry Base

CD 2 – LX – Alion Science and Technology; VOSB – DTECH Consulting; L – MPRI

CD 47 - S - Textile Products Inc. CD 48 - L - Avnet Inc : VOSB - Arid Electronics LLC:





Approved for Public Release, Distribution Unlimited, TACOM 28 Oct 2005, case 05-270

FCS Small Business Involvement



• Small businesses bring to bear unique solutions and insights. Areas of program involvement span the business and technology spectrum as follows:

Computer Systems	Logistics Support		
Consulting Services	Networking Equipment		
Electronic Systems	Product Support (Oracle Workstation)		
Engineering Services (SoSCOE Engineering Support, UAV Gap Analysis)	Risk Management		
Hardware Systems Development	Shop Safety Equipment		
Information Technology	Software Services and Products (C4ISR Software Requirements, Situation Understanding, Data Visualization and CAD Conversion)		
Parts Processing Services	Training Services		

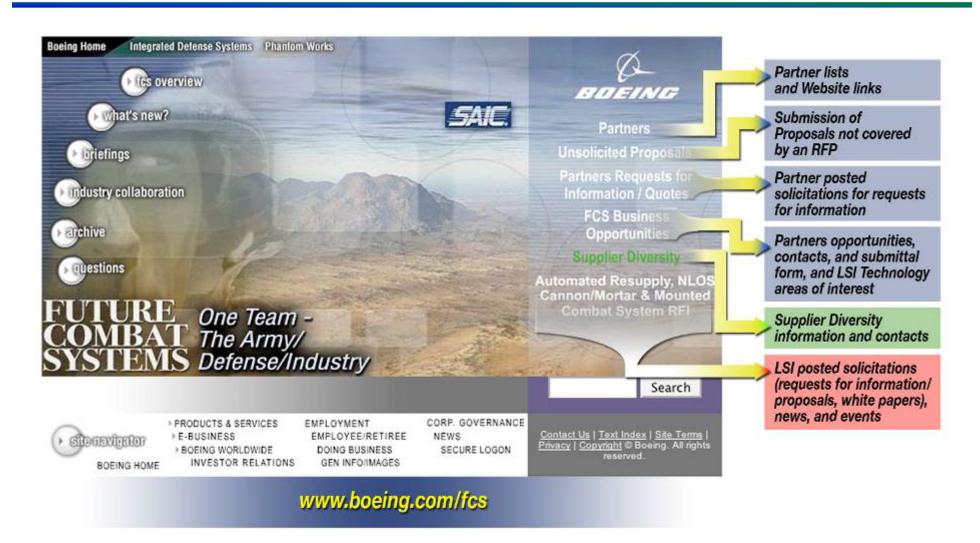
How to Get Involved with FCS



- Regularly check the FCS Website Home Page at: <u>www.boeing.com/fcs</u>
- Located on this website:
 - FCS Business Opportunities of the LSI and its Partners (Contacts with websites)
 - Information on Submitting Unsolicited Proposals and Questions
 - Partners' Requests for Quotations / Information
 - FCS Business Opportunities
 - FCS Supplier Information Submittal Form
 - Supplier Diversity information (specific LSI / Partner Small Business contacts provided in FCS Business Opportunities Brochure)
 - FCS calendar with upcoming conferences and events
- Reach out to the LSI and Partners to express your interest and capability
- Focus on areas of technology and express interest across the One Team

FCS External Web Site





Partner Opportunities



- Opportunities for both the LSI and partners are listed on or linked to the FCS website
- Opportunities exist for 2nd and 3rd tier support to recent, pending and future selections

Example from FCS Website

FCS Business Opportunities

Intelligence, Surveillance, and Reconnaissance | C4ISR - Battle Command | C4ISR - Network Systems | Unmanned Ground Vehicle | Unmanned Air Vehicle | Manned Ground Systems | Supportability | Training Support

FCS Partner Contact Information

Business Opportunities

Intelligence, Surveillance, and Reconnaissance

Ground Sensor Integrator

Raytheon Network Centric Systems

Plano, Texas

Randy Whitaker - Manager, Supplier Diversity

Telephone: 972-344-8302

Fax: 972-344-8354

Email: r-whitaker@raytheon.com

Howard Lund – Sensor Source Selection Email: <u>GSIsourceselection@raytheon.com</u>

Web Addresses:

www.raytheon.com

www.raytheon.com/connections/supplier/

diversity/index.html

- Electro-Optics Intelligence, Surveillance, and Reconnaissance Mission Payload (suite of sensors) for Small Unmanned Ground Vehicle (SUGV)
- Short Range Electro-Optics/Infrared Sensor
- Acoustic Locating Array Sensor
- · Mine Detection Sensor for SUGV

FCS Business Opportunities

(Located on FCS Website)



Technology Areas of Interest



Breakthrough and Leverage Technologies

- Automation of Dissimilar Databases for Interoperability and Effects
- Methods for Automating Terabyte Databases
- Innovative new technology to improve software specification, development, test and verification
- Decision tools for managing program complexity in very large System of Systems acquisitions
- Affordable technology for highly efficient cooling of electronic sub-systems
- Techniques for reducing cost of common components of multi-mode radars
- Techniques for reducing cost of key components in multi-spectral infrared sensors
- Techniques for waste heat recovery, distribution, and discharge
- Highly reliable manufacturing techniques for lead-free solder applications
- Low cost non-lethal weapons
- Advanced Lethal/Non-Lethal Scaleable Munitions and Effects

- Innovative algorithms and techniques for automated obstacle avoidance in unmanned air and ground vehicles
- Innovative techniques for on-board and remote sensor data fusion
- Innovative techniques for ground vehicles to survive rocket-propelled grenades and top-attack missiles
- Innovative sensing techniques for remote detection of chemical, biological, radiological, and nuclear agents
- Algorithms and models for Quality of Service in extremely large ad hoc mobile networks
- Advanced directional antenna techniques for wideband wireless networking from moving ground vehicles
- Advanced solutions for high data rate point-to-point and networked communications
- Advanced display techniques for hemispheric threat assessment by moving vehicles.
- Linear engines
- Heavy fuel engines for Unmanned Aerial Vehicle classes

Partner Contact Information

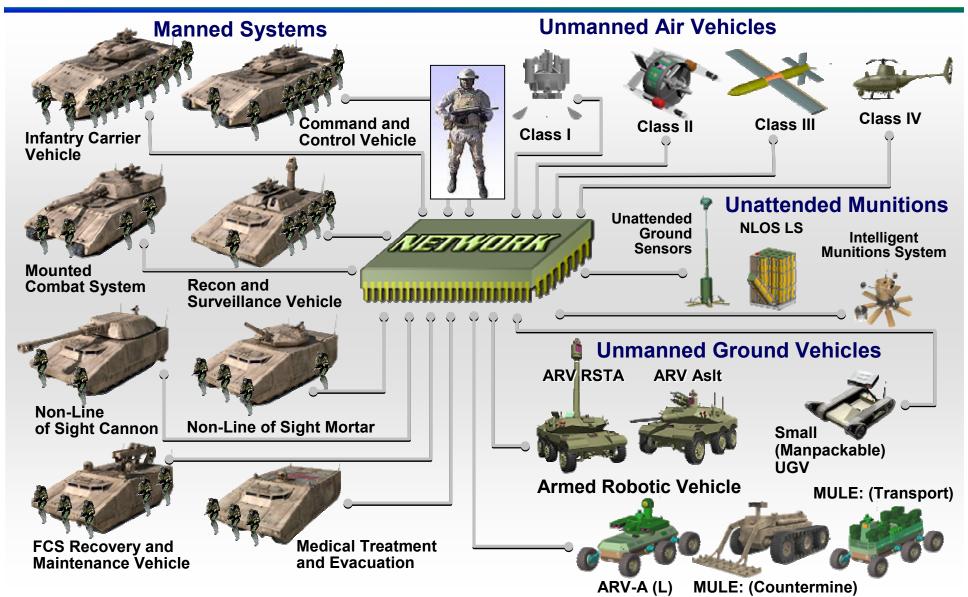


Partners	Contact Name	Phone Number	Email
Raytheon Network Centric Systems	Valerie King	508-490-2331	valerie_king@raytheon.com
Raytheon Network Centric Systems	Randy Whitaker	972-344-8302	r-whitaker@raytheon.com
Northrop Grumman Integrated Systems	Vicky Harper-Hall	310-814-0550	Vicky.Harper-Hall@ngc.com
Northrop Grumman Information Technology	Sandy VanDerEems	703-556-1714	Sandy.VanDerEems@ngc.com
Northrop Grumman Mission Systems	Jack Beckwith	310-764-9831	john.beckwith@ngc.com
Northrop Grumman Electronic Systems Corp.	Susanne Adams	410-765-8269	Susanne.adams@northropgrumman.com
General Dynamics Robotic Systems	Gerry Simmons	410-876-9200	gsimmons@gdrs.com
General Dynamics C4 Systems	Stephanie Poppe	480-441-7255	Stephanie.poppe@gdds.com
General Dynamics Land Systems	Doug Gamache	586-825-7883	gamached@gdls.com
General Dynamics Advanced Information Systems	Lynn Simmons	508-880-1658	Lynn.Simmons@gdc4s.com
Lockheed Martin ORINCON Defense	Regina Stout	610-354-3151	regina.c.stout@lmco.com
Lockheed Martin Missiles and Fire Control	Cathy Usztan-Bedford	972-603-1268	cathy.usztan-bedford@imco.com
BAE Systems	James Nunemaker John Grindle	973-305-2604 703-668-4237	james.nunemaker@baesystems.com john.grindle@baesystems.com
Textron Systems	Jim Hester Bruce Boucher	978-657-1236 978-618-1678	Jhester@systems.textron.com bboucher@systems.textron.com
Dynamics Research Corp.	Pam Rodgers	978-475-9090 x2584	prodgers@drc.com
Honeywell Defense & Space Electronic Systems	Bill Spofford	505-828-5548	billspofford@honeywell.com
BAE Systems	Barbara Knox	717-225-8077	barbara.knox@udlp.com
BAE Systems	Rick Richter Lynn Arholm	763-572-7904 763-572-6846	richard.richter@udlp.com lynn.arholm@udlp.com
Computer Sciences Corp.	Annie Martin	703-818-4182	amartin5@csc.com



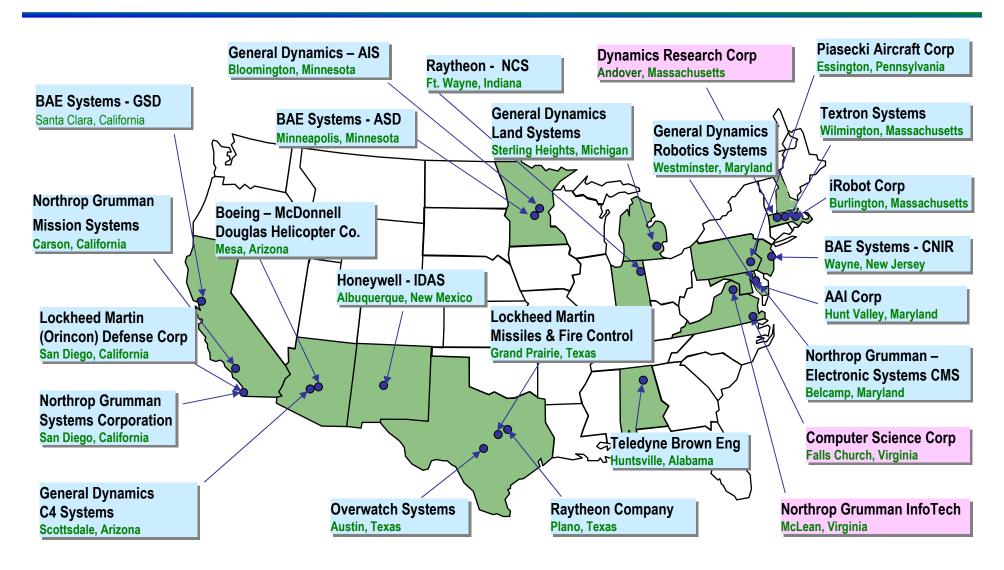
FCS System-of-Systems





FCS "Best of Industry" Team



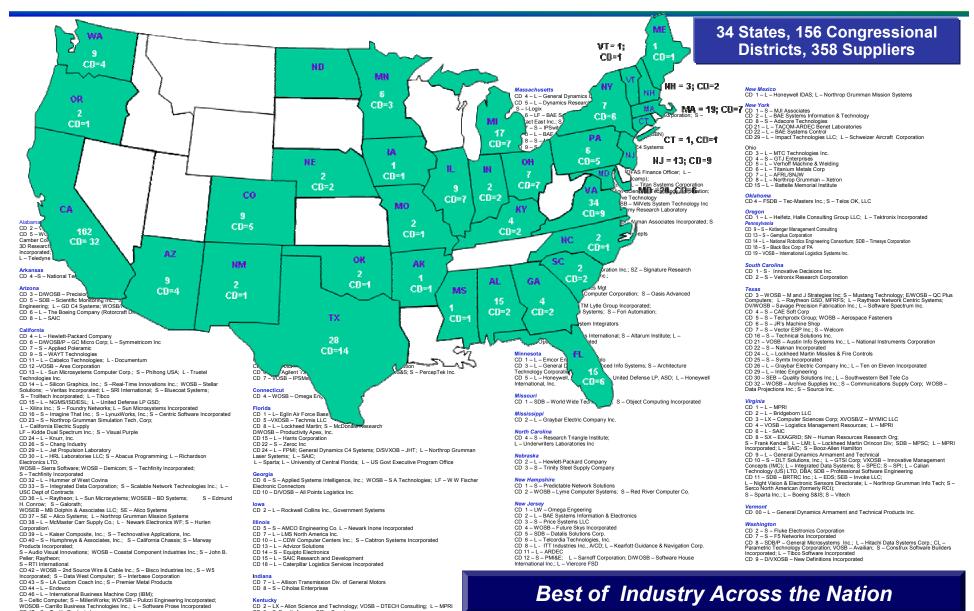


FCS One Team Industry Base

CD 2 – LX – Alion Science and Technology; VOSB – DTECH Consulting; L – MPRI

CD 47 - S - Textile Products Inc. CD 48 - L - Avnet Inc : VOSB - Arid Electronics LLC:





Approved for Public Release, Distribution Unlimited, TACOM 28 Oct 2005, case 05-270

FCS Small Business Involvement



• Small businesses bring to bear unique solutions and insights. Areas of program involvement span the business and technology spectrum as follows:

Computer Systems	Logistics Support		
Consulting Services	Networking Equipment		
Electronic Systems	Product Support (Oracle Workstation)		
Engineering Services (SoSCOE Engineering Support, UAV Gap Analysis)	Risk Management		
Hardware Systems Development	Shop Safety Equipment		
Information Technology	Software Services and Products (C4ISR Software Requirements, Situation Understanding, Data Visualization and CAD Conversion)		
Parts Processing Services	Training Services		

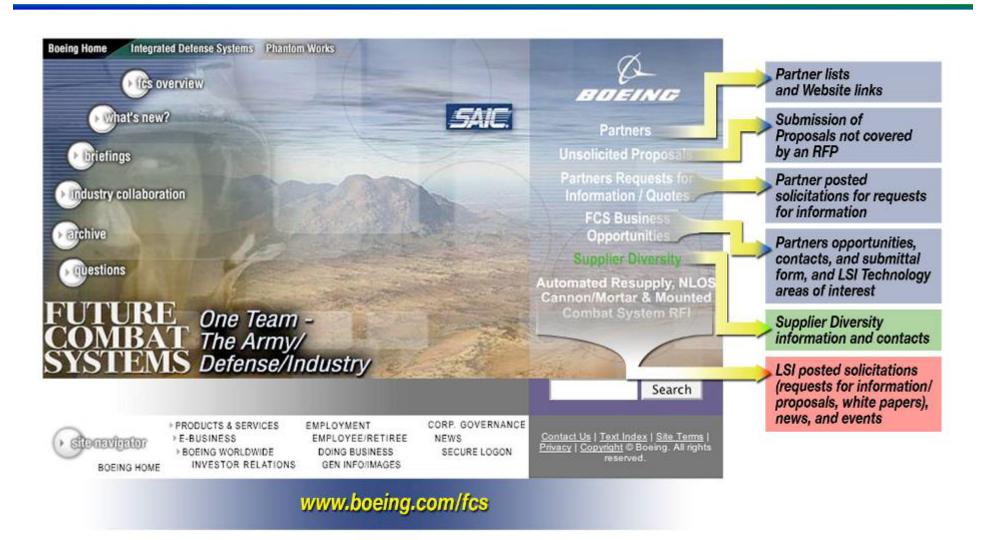
How to Get Involved with FCS



- Regularly check the FCS Website Home Page at: <u>www.boeing.com/fcs</u>
- Located on this website:
 - FCS Business Opportunities of the LSI and its Partners (Contacts with websites)
 - Information on Submitting Unsolicited Proposals and Questions
 - Partners' Requests for Quotations / Information
 - FCS Business Opportunities
 - FCS Supplier Information Submittal Form
 - Supplier Diversity information (specific LSI / Partner Small Business contacts provided in FCS Business Opportunities Brochure)
 - FCS calendar with upcoming conferences and events
- Reach out to the LSI and Partners to express your interest and capability
- Focus on areas of technology and express interest across the One Team

FCS External Web Site





Partner Opportunities



- Opportunities for both the LSI and partners are listed on or linked to the FCS website
- Opportunities exist for 2nd and 3rd tier support to recent, pending and future selections

Example from FCS Website

FCS Business Opportunities

Intelligence, Surveillance, and Reconnaissance | C4ISR - Battle Command | C4ISR - Network Systems | Unmanned Ground Vehicle | Unmanned Air Vehicle | Manned Ground Systems | Supportability | Training Support

FCS Partner Contact Information

Business Opportunities

Intelligence, Surveillance, and Reconnaissance

Ground Sensor Integrator

Raytheon Network Centric Systems

Plano, Texas

Randy Whitaker - Manager, Supplier Diversity

Telephone: 972-344-8302

Fax: 972-344-8354

Email: r-whitaker@raytheon.com

Howard Lund – Sensor Source Selection Email: <u>GSIsourceselection@raytheon.com</u>

Web Addresses:

www.raytheon.com

www.raytheon.com/connections/supplier/

diversity/index.html

- Electro-Optics Intelligence, Surveillance, and Reconnaissance Mission Payload (suite of sensors) for Small Unmanned Ground Vehicle (SUGV)
- Short Range Electro-Optics/Infrared Sensor
- Acoustic Locating Array Sensor
- · Mine Detection Sensor for SUGV

FCS Business Opportunities

(Located on FCS Website)



Technology Areas of Interest



Breakthrough and Leverage Technologies

- Automation of Dissimilar Databases for Interoperability and Effects
- Methods for Automating Terabyte Databases
- Innovative new technology to improve software specification, development, test and verification
- Decision tools for managing program complexity in very large System of Systems acquisitions
- Affordable technology for highly efficient cooling of electronic sub-systems
- Techniques for reducing cost of common components of multi-mode radars
- Techniques for reducing cost of key components in multi-spectral infrared sensors
- Techniques for waste heat recovery, distribution, and discharge
- Highly reliable manufacturing techniques for lead-free solder applications
- Low cost non-lethal weapons
- Advanced Lethal/Non-Lethal Scaleable Munitions and Effects

- Innovative algorithms and techniques for automated obstacle avoidance in unmanned air and ground vehicles
- Innovative techniques for on-board and remote sensor data fusion
- Innovative techniques for ground vehicles to survive rocket-propelled grenades and top-attack missiles
- Innovative sensing techniques for remote detection of chemical, biological, radiological, and nuclear agents
- Algorithms and models for Quality of Service in extremely large ad hoc mobile networks
- Advanced directional antenna techniques for wideband wireless networking from moving ground vehicles
- Advanced solutions for high data rate point-to-point and networked communications
- Advanced display techniques for hemispheric threat assessment by moving vehicles.
- Linear engines
- Heavy fuel engines for Unmanned Aerial Vehicle classes

Partner Contact Information



Partners	Contact Name	Phone Number	Email
Raytheon Network Centric Systems	Valerie King	508-490-2331	valerie_king@raytheon.com
Raytheon Network Centric Systems	Randy Whitaker	972-344-8302	r-whitaker@raytheon.com
Northrop Grumman Integrated Systems	Vicky Harper-Hall	310-814-0550	Vicky.Harper-Hall@ngc.com
Northrop Grumman Information Technology	Sandy VanDerEems	703-556-1714	Sandy.VanDerEems@ngc.com
Northrop Grumman Mission Systems	Jack Beckwith	310-764-9831	john.beckwith@ngc.com
Northrop Grumman Electronic Systems Corp.	Susanne Adams	410-765-8269	Susanne.adams@northropgrumman.com
General Dynamics Robotic Systems	Gerry Simmons	410-876-9200	gsimmons@gdrs.com
General Dynamics C4 Systems	Stephanie Poppe	480-441-7255	Stephanie.poppe@gdds.com
General Dynamics Land Systems	Doug Gamache	586-825-7883	gamached@gdls.com
General Dynamics Advanced Information Systems	Lynn Simmons	508-880-1658	Lynn.Simmons@gdc4s.com
Lockheed Martin ORINCON Defense	Regina Stout	610-354-3151	regina.c.stout@lmco.com
Lockheed Martin Missiles and Fire Control	Cathy Usztan-Bedford	972-603-1268	cathy.usztan-bedford@imco.com
BAE Systems	James Nunemaker John Grindle	973-305-2604 703-668-4237	james.nunemaker@baesystems.com john.grindle@baesystems.com
Textron Systems	Jim Hester Bruce Boucher	978-657-1236 978-618-1678	Jhester@systems.textron.com bboucher@systems.textron.com
Dynamics Research Corp.	Pam Rodgers	978-475-9090 x2584	prodgers@drc.com
Honeywell Defense & Space Electronic Systems	Bill Spofford	505-828-5548	billspofford@honeywell.com
BAE Systems	Barbara Knox	717-225-8077	barbara.knox@udlp.com
BAE Systems	Rick Richter Lynn Arholm	763-572-7904 763-572-6846	richard.richter@udlp.com lynn.arholm@udlp.com
Computer Sciences Corp.	Annie Martin	703-818-4182	amartin5@csc.com



HUBZone

HUBZone PROGRAM UPDATE 9th Annual Army Small Business Conference November 3, 2005

Michael P. McHale Associate Administrator for HUBZone Program

Quick History

In 1997, U.S. Senator Christopher 'Kit' Bond, then Chairman of the Small Business Committee, crafts legislation to link preferences for award of Federal contracts to small businesses located in economically distressed areas (HUBZones).

Feels <u>JOBS</u>, not more job training, is what's needed to promote long-term economic viability.





Design

- From the outset, designed as a virtual program always available at: www.sba.gov/hubzone

- Application for Certification
- Program Examinations
- Recertification





Program Overview

HUBZone Program Community Based:

- Employment
- •Empowerment
- Enterprise



HUBZone

HUBZone Portfolio

- Total Portfolio: 13,500
- HUBZone firms' total average annual receipts: \$24
 Billion
- HUBZone firms' total employment: 191,000 employees
- HUBZone residents employed by HUBZone firms:
 124,000 (65%)





HUBZone Portfolio, "Commercial Ranking"

- If the HUBZone Portfolio were included in the Fortune 500, based on average annual revenue, it would be ranked 92nd, just ahead of McDonalds and Coca Cola.
- The portfolio:
 - Has over 620 firms with average annual revenue in excess of \$10 million,
 - Includes 1,200 high technology firms in NAICS Code 541512, and
 - Includes 491 machine shops in NAICS Code 332710.





DOD Issues

- HUBZone Qualified Areas Expanded To Include:
 - Military base closure areas (BRAC) 5 years from date of closure or date of legislation (12/4/04)
- Department of the Army National HUBZone SB Conference





HUBZone Contracting

- Set-aside awards
- Sole source awards
- Awards through full and open competition after application of 10% price evaluation preference
 (PEP)
- Subcontracting Opportunities





Federal Government HUBZone Contracting Awards

by Fiscal Year

- FY 1999 Goal 1% Actual not available
- FY 2000 Goal 1.5% Actual \$663.3M (.33%)
- FY 2001 Goal 2.0% Actual \$1.7 B (.72%)
- FY 2002 Goal 2.5% Actual \$1.7 B (.71%)
- FY 2003 Goal 3.0% Actual \$3.4 B (1.23%)
- FY 2004 Goal 3.0% Actual \$4.8 B (1.59%)
 - HZ-S/A 1,085 Actions \$168.5 Million
 - SB-SA 104,238 Actions \$11. 9 Billion
- FY 2004 DOD Achievement 3.1B 1.48%)
- FY 2004 Army Achievement 1.6B (2.8%)
- FY 2005 Army Achievement 2.1B (3.1%)*
 *Preliminary Data





Program Impact

- Recent regulatory change authorized SBA to collect updated financial information and information relating to employment and capital investment from certified firms in order to gauge the success of the HUBZone Program.
 - Survey was approved by the Office of Management and Budget, and
 - Executed over the Internet
 - Results: As a direct result of HUBZone certification:
 - 11, 461 employees were hired, 7, 063 were HUBZone residents
 - Over a half billion dollars (\$523M) was invested in HUBZones





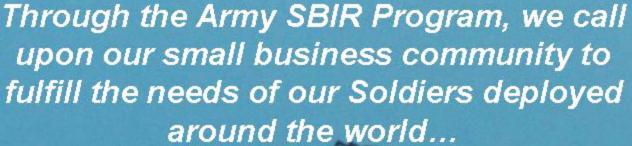
The HUBZone Program

"Rebuilding America's Communities, One Small Business at a Time"











mission: The Army SBIR program is designed to provide small, high-tech businesses the opportunity to propose innovative Research and Development solutions in response to critical Army needs.

Force Operating Capabilities (FOC)

TRADOC Pamphlet 525-66 (1 July 2005) http://www.tradoc.army.mil/tpubs/pams/p525-66.htm

Battle Command

Battlespace Awareness

Mounted / Dismounted Maneuver

Air Maneuver

Maneuver Sustainment

Maneuver Support

Protection

Strategic Responsiveness and Deployability

Line of Sight / Beyond Line of Sight , Non-Line of Sight Lethality

Human Engineering

Training,
Leader Development
and Education

Provides focus for the Army's Science and Technology Master Plan

11/3/2005

Army Science and Technology Focus

Army Posture Statement 2005 http://www.army.mil/aps/

☐ Networked battle command and logistics systems
☐ Networked precision missiles and gun-launched munitions
☐ Improved intelligence sensors
☐ Active and passive protection systems
☐ Unmanned ground and air systems
☐ Low-cost multispectral sensors
☐ Detection and neutralization of mines and Improvised Explosive Devices (IEDs)
☐ Identification of friendly forces in combat
☐ Development of medical technology for self-diagnosis and treatment
☐ Identification of hostile fire indicators
☐ Training systems

Army SBIR Process

Topics

Phase I



DoD Solicitation SBIR YY.2 May thru July



Feasibility Study \$70K, 6 Months

\$50K Option (Gap Funding)

~10% of proposals submitted are selected

Phase I + Phase II+ Phase II
Plus = \$1.35 Million





Prototype
Development
\$730K, 2 Years

Phase II Plus
*\$500K matching
funds, 1 Year

*as of 1 July

~50% <u>invited</u> proposals are selected

Phase III



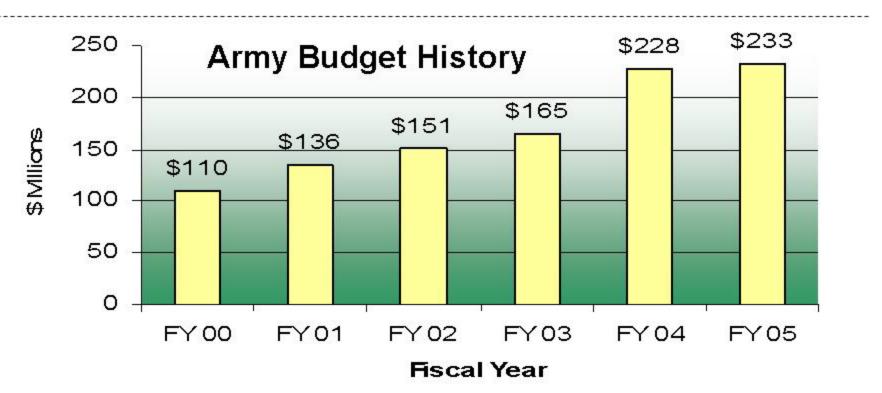
Commercialization

Transition to Federal Gov't or Private Program

No SBIR Funds

Army SBIR Award History

	FY00	FY01	FY02	FY03	FY04	FY05
Phase I Awards	249	317	354	352	356	371
Phase II Awards	139	151	180	222	237	259



Army SBIR Participating Organizations









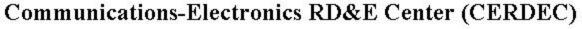




Armament RD&E Center (ARDEC)
Army Research Institute (ARI)
Army Research Lab (ARL)

Army Test and Evaluation Center (ATEC)

Aviation and Missile RD&E Center (AMRDEC)



Edgewood Chemical Biological Center (ECBC)

Engineer Research and Development Center (ERDC)

Medical Research and Materiel Command (MRMC)

Natick Soldier Center (NSC)



Space & Missile Defense Command (SMDC)

Army Program Executive Offices (PEOs)







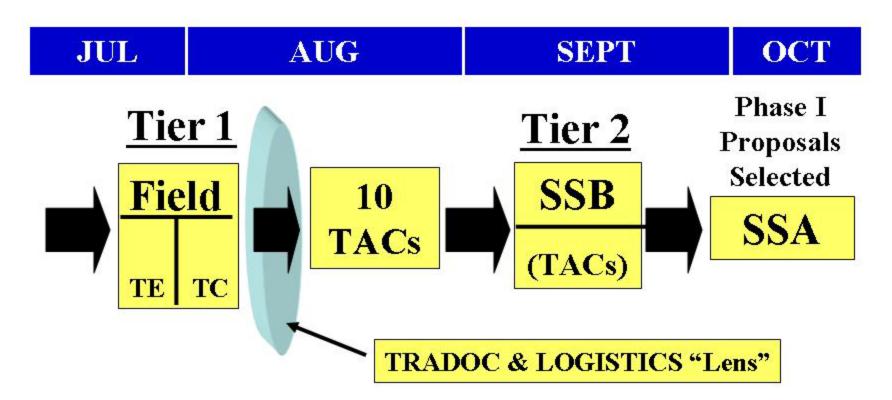








Proposal Evaluation A two-tiered process:



TE = Technical Evaluator

TC = Team Chief

TAC = Technology Area Chief

TRADOC = Training and Doctrine Command

SSB = Source Selection Board

SSA = Source Selection Authority

Evaluation Criteria:

- 1. Technical Merit
- 2. Primary Investigator Qualifications
- 3. Commercial Potential

PHASE



- Commercialization phase
- Duration: Unlimited
- Funding: Unlimited, but no SBIR funds may be used
- Goal: Market dual-use products or services to the Government and/or private sector

Cockpit Air Bag System

Simula, Inc.

Phoenix, AZ

- Over \$42M in DoD sales



Innovative Communications and Electronic Warfare Antenna

FIRST RF Corporation Boulder, CO

- \$247K in DoD R&D
- Over \$10.6M in DoD Sales



Biometric Security Systems

Ultra-Scan Corporation Amherst, NY

- \$1.1M in DoD R&D
- Over \$6M in Fed R&D
- Over 1.5M in Fed and Private Sales



Army SBIR Quality Awards Program

□ Recognizes Top Phase II Performers each year ☐ All Phase II projects ending within year eligible for consideration ☐ Army participating organizations nominations or ☐ Companies self-nominate ☐ Selection board of Government & Industry Scientists and Businessmen ☐ Winners presented award in ceremony at Pentagon, hosted by a senior Army official ☐ Quality Award projects featured in U.S ARMY annual Army SBIR Quality Awards

brochure

DoD Solicitation Key Dates

	Solicitation Internet Release	Proposals Accepted Starting	Proposal Deadline	Contracts Awarded
SBIR	Approx.	Approx.	Approx.	Approx.
FYxx.1	Nov. 1	Dec. 15	Jan. 15	May 15
SBIR	Approx.	Approx.	Approx.	Approx.
FYxx.2	May 1	Jun. 15	Jul. 15	Nov. 15
SBIR	Approx.	Approx.	Approx.	Approx.
FYxx.3	Aug. 1	Sep. 15	Oct. 15	Feb. 15

2006.2 Pre-Solicitation Period: 1 May - 13 June 06

Solicitation Opens: 14 June 06

Phase I Proposals Due: 14 July 06

Award Notification: Mid Oct 06

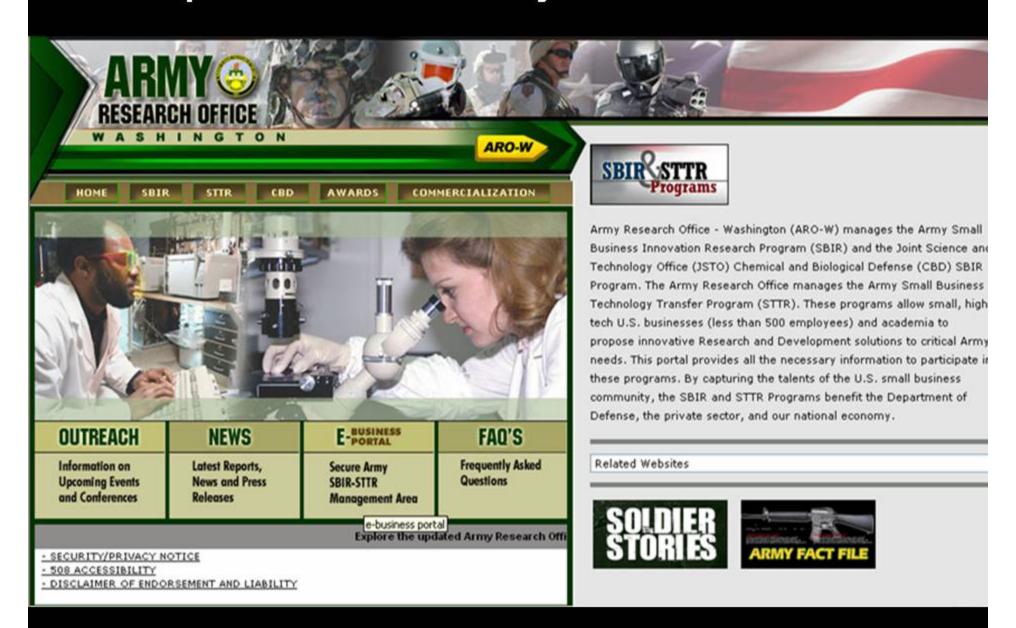
Contract Award: Mid Nov 06

Small Business Technology Transfer (STTR)

☐ Encourages collaboration between small business and:							
☐ Universities							
Non-Profit Rese	☐ Non-Profit Research Institutions						
☐ Federally Funded Research & Development Centers (FFRDCs)							
☐ Requires research institution partners (e.g., universities)							
☐ 40% minimum small business concerns (for-profit)							
30% minimum U.S. research institution (non-profit)							
□ \$28.1M in FY05 Funding							
□ Phase I \$100K, Phase II \$750K							
☐ No Phase I Option☐ No Phase II Plus☐		Solicitation Internet Release	Proposals Accepted Starting				
				Proposal Deadline	Contracts Awarded		
	STTR FYxx	Approx. Feb. 1	Approx. Mar. 15	Approx. April 15	Approx. Aug. 15		

http://www.aro.army.mil/arowash/rt/sttr/sttr.htm

http://www.aro.army.mil/arowash/rt/



Additional Information / Questions

Ms. Susan Nichols, PM Major Ken Strayer, DPM



U.S. Army Research Office - Washington

Office: 703-806-2085

Fax: 703-806-2044

sbira@belvoir.army.mil

http://www.aro.army.mil/arowash/rt

U.S. Army Research, Development and Engineering Command
6000 6th Street, Suite 100
Fort Belvoir, Virginia 22060-5608



Department of the Army Small Business Program











"Our Army at War - Relevant & Ready"

U.S. Army Materiel Command 9th Annual Army Small Business Conference

November 2-3, 2005 McLean, Virginia

MS. TRACEY PINSON

DIRECTOR, OFFICE OF SMALL and DISADVANTAGED BUSINESS UTILIZATION (SADBU)
OFFICE OF THE SECRETARY OF THE ARMY



VISION



To Be The Premier Advocacy Organization
Committed To Maximizing Small Business
Opportunities In Support Of The Warfighter
And The Transformation Of The Army.



MISSION



- Advise the Secretary of the Army and the Army Leadership on Small Business Related Matters
- Spearhead Innovative Initiatives that Contribute to Expanding the Small Business Industrial Base Relevant to the Army Mission and Priorities
- Leverage the Use of Minority Serving Educational Institutions in Support of Army Science and Technology Programs



ARMY PRIME CONTRACT AWARDS FY 05 (10/31/05)



	Total Dollars	Achieved	Army Target	Nat'l Goal
US Business	\$68,948			
Small Business	\$19,789	28.7%	27.0%	23.0%
Small Disadvantaged Business	\$ 6,470	9.4%	8.8%	5.0%
Women-Owned SB	\$ 2,499	3.6%	4.1%	5.0%
HUBZone Small Business	\$ 2,144	3.1%	3.0%	3.0%
Service Disabled Veteran-Owned SB	\$ 448	0.7%	0.9%	3.0%

Dollars Shown in Millions

www.sellingtoarmy.info

Our Army at War - Relevant & Ready



INSIDE THE NUMBERS



- Small Business: \$19.8B (Exceeded Target)
- Small Disadvantaged Business: \$6.5B (Exceeded Target)
- Women Owned: \$2.5B (First Federal Agency)
- HUBZone: \$2.1B
 Target Goal: 3.1% (Highest in Federal Government)
- SDVOSB (FY03 FY05): Increased dollars from \$100M to \$448M Increased percentage of dollars by 350%



MENTOR PROTÉGÉ PROGRAM

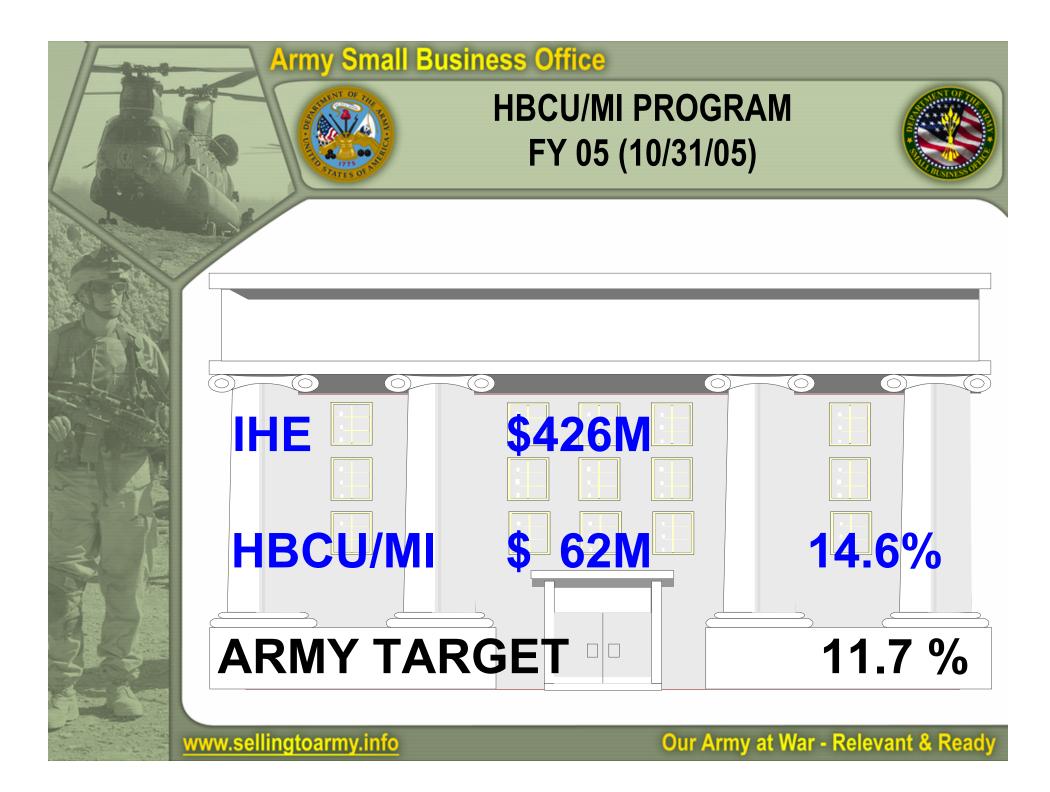


Program Status

- Army Agreements Should Focus on High-Tech Solutions for the War Fighter
- 36 Active Agreements
 22 Mentors
 36 Protégés (Can Have Only 1 Active Agreement)
- 7 Mentors are Graduated 8(a) Firms
- FY05 Round III 9 New Agreements Pending
- Army Awarded 1st MP Agreement in DOD Based Solely on the Protégé's SDVOSB Status
- For Army, 2 Rounds of Proposals for FY 2006
 15 December and 15 April

www.sellingtoarmy.info

Our Army at War - Relevant & Ready





FY 06/07 ARMY SADBU FOCUS

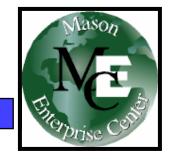


- Small Business Participation in FCS and Major Army Programs
- Support of BRAC through HUBZone Initiatives
- Service-Disabled Veteran-Owned Small Business
 Opportunities
- Contract Bundling and Consolidation
- Increased role of HBCUs & MIs in the Acquisition Process
- Residential Communities Initiative
- Subcontracting Policy and Enforcement









Tips & Opportunities Available for Small Business AMC Small Business Conference McLean, Virginia

George Mason University

Procurement Technical Assistance Program

November 3, 2005



THE MASON ENTERPRISE CENTER

GEORGE MASON UNIVERSITY

SCHOOL OF PUBLIC POLICY

MASON ENTERPRISE CENTER

MENTOR-PROTÉGÉ PROGRAM OFFICE PROCUREMENT TECHNICAL ASSISTANCE PROGRAM

TELEWORK AND TRAINING CENTER

SMALL BUSINESS DEVELOPMENT CENTERS

INTERNATIONAL BUSINESS DEVELOPMENT PROGRAMS BUSINESS ENTERPRISE CENTER

George Mason University
Procurement Technical Assistance Program



Procurement Technical Assistance Centers

Increase contracting between small businesses, prime contractors, and government...

- Help small businesses obtain contracts with federal, state, and local governments
- Apply APTAC's member resources to improve business and economic climate in Local Communities

Defense Logistics Agency & APTAC



PTAP Background

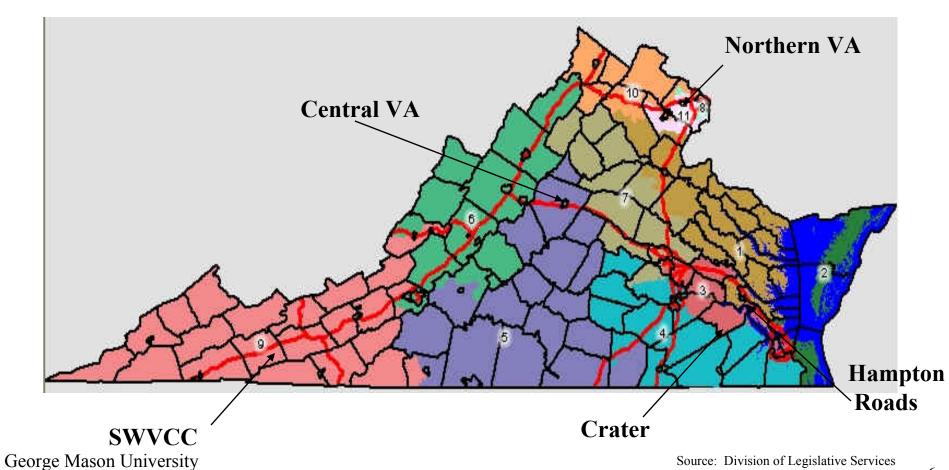
PTAP

- •Defense Logistics Agency SCAA
- •Began mid 80's PTAP early 90's
- Originally DoD oriented
- •Mid 90's extended to other Federal
- Now includes State and Local
- One stop shop pre and post award

Commonwealth of Virginia PTAC's

- State-wide Program- George Mason University
 - Northern Virginia City of Fairfax
 - Central Virginia Charlottesville
 - Hampton Roads Newport News
- Other Virginia Regional PTAC's
 - Southwest VA Comm. College Richlands
 - Crater Procurement Assistance Center Petersburg

PTAC Areas Served



Procurement Technical Assistance Program

Source: Division of Legislative Services

http://dlsgis.state.va.us

PTAC Services

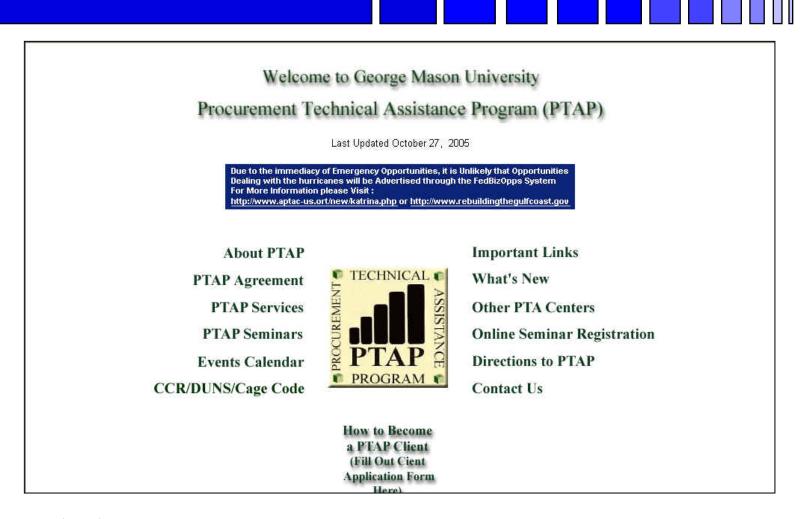
- Outreach
 - Seminars & Conferences (sponsor and participant)
 - Associations (networking and participation)
- Education
- Counseling

PTAC Services (Cont'd)

- Marketing
 - Research
 - Strategic partnering
 - Mentor-Protégé
- Teaming & Joint Venture Networking
- Proposal Development Assistance
- Bid Matching System
- Reference Library

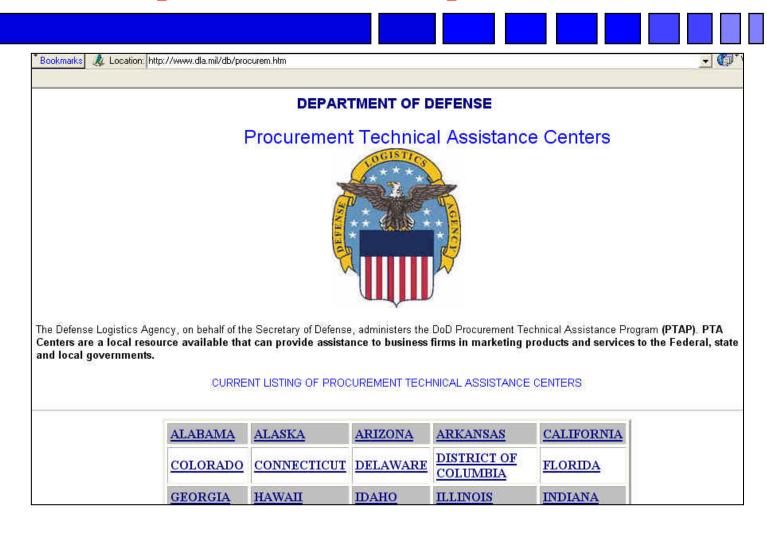
Procurement Technical Assistance Program

http://www.gmu.edu/gmu/PTAP



Other PTAC's

http://www.dla.mil/db/procurem.htm



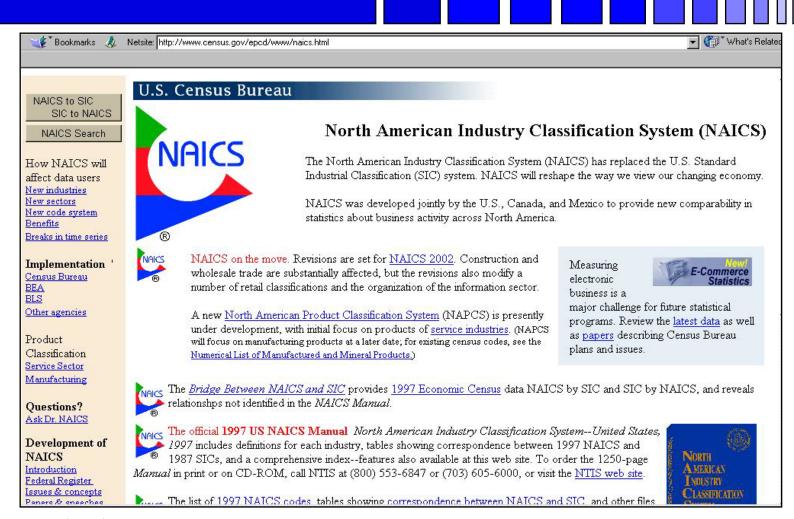


How To Get Started?

- ✓ Identify your product or service (NAICS/FSC)
- Register
- □ Determine who buys your goods or services
- □ Familiarize yourself with government contracting procedures.
- □ Seek additional assistance as needed.
- Explore subcontracting/teaming opportunities
- □ *Focus* and Market your firm

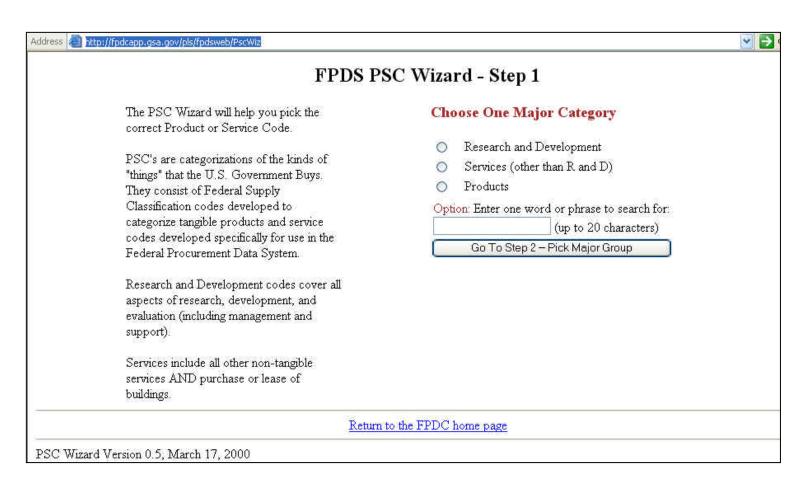
North American Industry Classification System

http://www.census.gov/epcd/www/naics.html



Federal Supply Classification

http://fpdcapp.gsa.gov/pls/fpdsweb/PscWiz



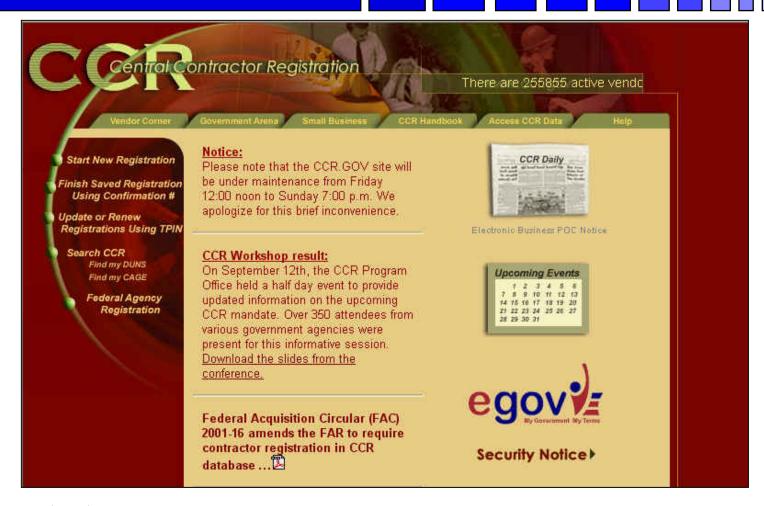


How To Get Started?

- ✓ Identify your product or service (NAICS/FSC)
- ✓ Register
- □ Determine who buys your goods or services
- □ Familiarize yourself with government contracting procedures.
- □ Seek additional assistance as needed.
- Explore subcontracting/teaming opportunities
- □ *Focus* and Market your firm

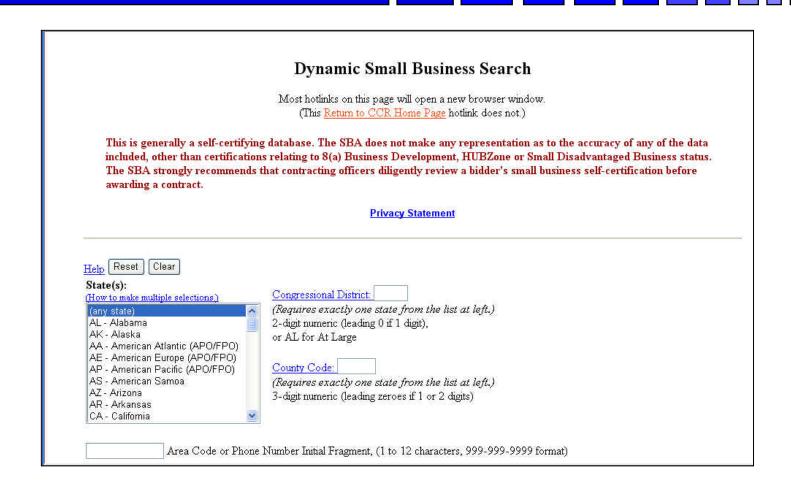
Central Contractor Registration

http://www.ccr.gov/



Dynamic Small Business Search

http://dsbs.sba.gov/dsbs/dsp_dsbs.cfm



On-line Reps and Certs Application – ORCA - http://www.bpn.gov/





How To Get Started?

- ✓ Identify your product or service (NAICS/FSC)
- ✓ Register
- Determine who buys your goods or services
- □ Familiarize yourself with government contracting procedures.
- □ Seek additional assistance as needed.
- □ Explore subcontracting/teaming opportunities
- □ *Focus* and Market your firm

FedBizOpps

http://www.fedbizopps.gov/



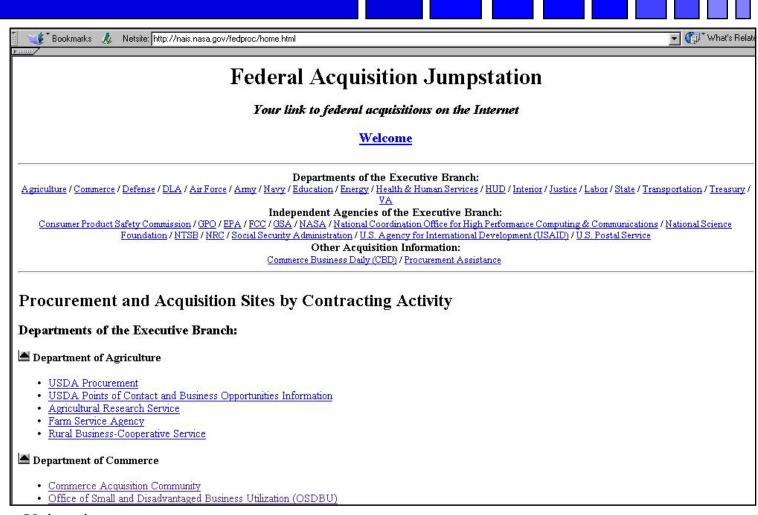
Federal Procurement Data System*

http://www.fpds.gov



Federal Acquisition Jumpstation

http://prod.nais.nasa.gov/pub/fedproc/home.html





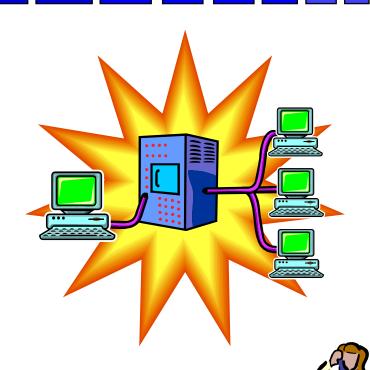
How To Get Started?

- ✓ Identify your product or service (NAICS/FSC)
- ✓ Register
- Determine who buys your goods or services
- ✓ Familiarize yourself with government contracting procedures.
- □ Seek additional assistance as needed.
- Explore subcontracting/teaming opportunities
- □ *Focus* and Market your firm

Federal Purchase Thresholds

- Greater than \$100,000
- Simplified Acquisition Threshold \$100,000
- Small Purchase Threshold < \$25,000





Micro-purchase\$2500

Federal Acquisition Regulations



Some Important FAR Parts

- -Part 12 Acquisition of Commercial Items
- -Part 13 Simplified Acquisition Procedures
- **-Part 14 Sealed Bidding**
- -Part 15 Contracting by Negotiation
- **■** -Part 16 Types of Contracts
- **-Part 19 Small Business Programs**

Acquisition Knowledge Sharing System

http://akss.dau.mil/



DOD OSDBU

http://www.acq.osd.mil/sadbu



George Mason University
Procurement Technical Assistance Program

Navy SADBU

http://www.hq.navy.mil/sadbu/



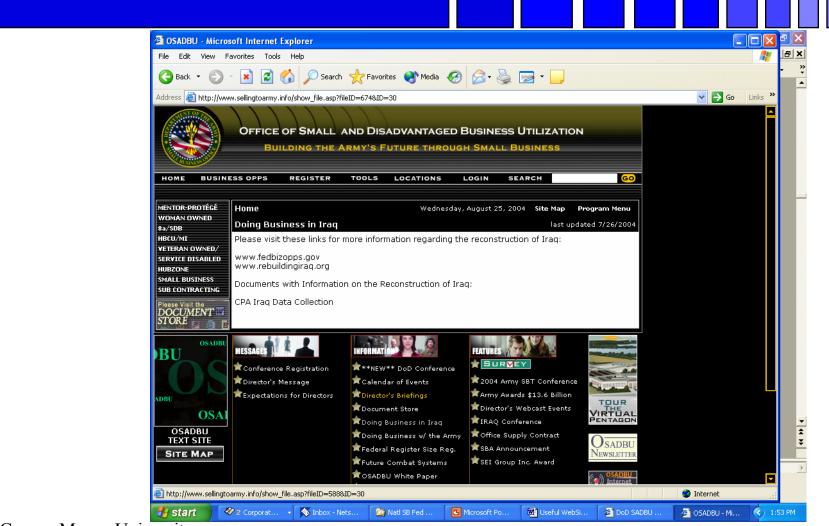
Navy Electronic Commerce Online

http://www.neco.navy.mil



Army SADBU

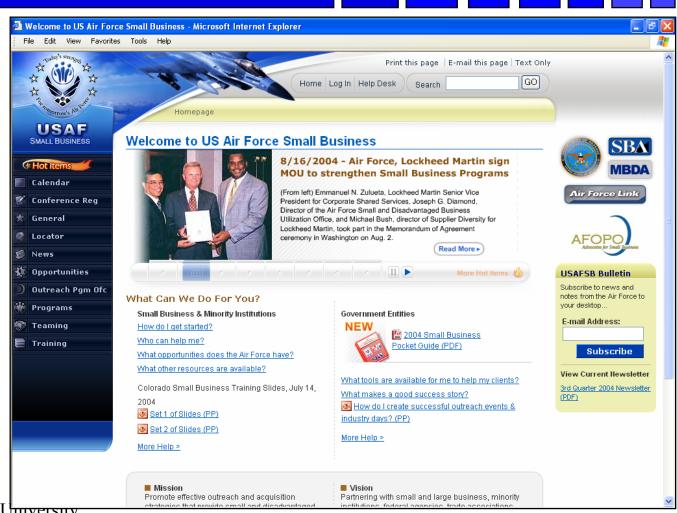
http://www.sellingtoarmy.info



George Mason University
Procurement Technical Assistance Program

Air Force SADBU

http://www.selltoairforce.org/



George Mason University

Defense Logistics Agency

www.dla.mil



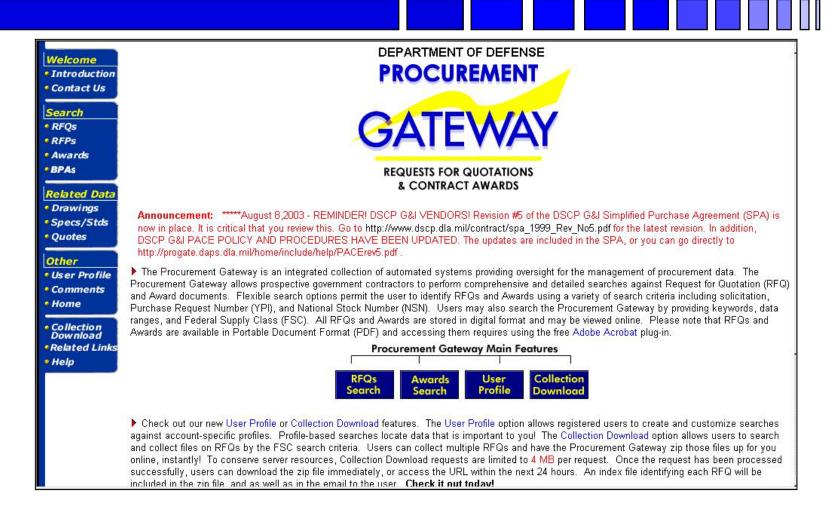
DoD E-Mall

https://emall.prod.dodonline.net/scripts/emLogon.asp



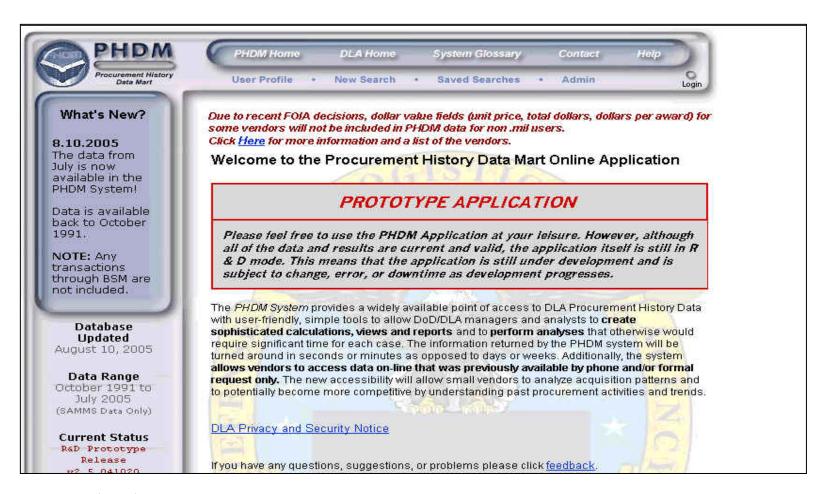
DoD Procurement Gateway

http://progate.daps.dla.mil/home/



Procurement History Data Mart

http://phdm.ctcgsc.org/dispatch/show.home



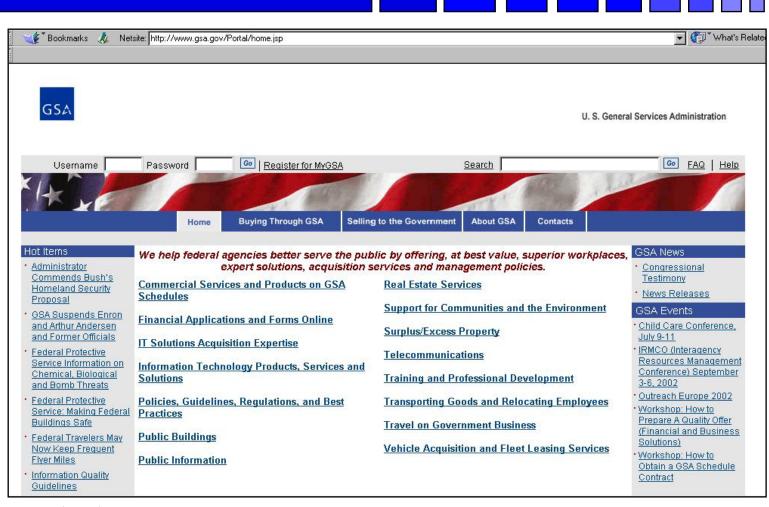
Fed Tech Data Site

https://www.fedteds.gov



General Services Administration

http://www.gsa.gov/



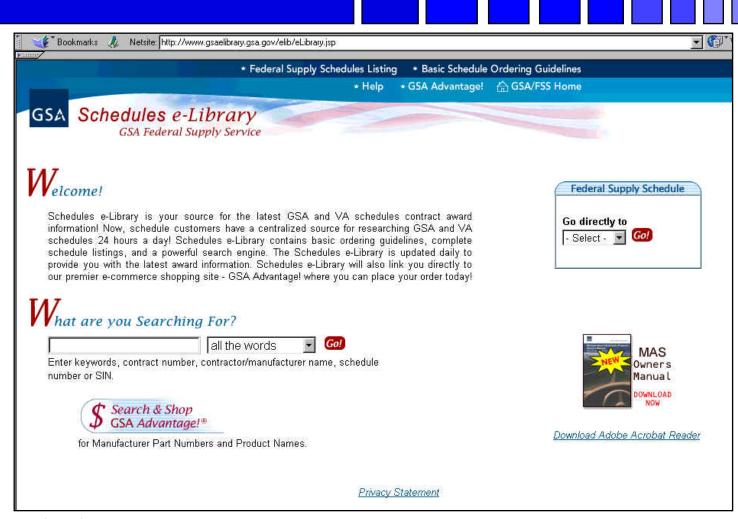
e-Tools...

- www.gsa.gov
- www.gsa.gov/
 - -schedules
 - -elibrary
 - -gsaadvantage
 - -vsc
- **fsstraining.gsa.gov**



General Services Administration E-library

http://www.gsaelibrary.gsa.gov/elib/eLibrary.jsp





How To Get Started?

- ✓ Identify your product or service (NAICS/FSC)
- ✓ Register
- Determine who buys your goods or services
- ✓ Familiarize yourself with government contracting procedures.
- Seek additional assistance as needed.
- Explore subcontracting opportunities
- □ *Focus* and Market your firm

OSDBU Interagency Council

http://www.osdbu.gov/



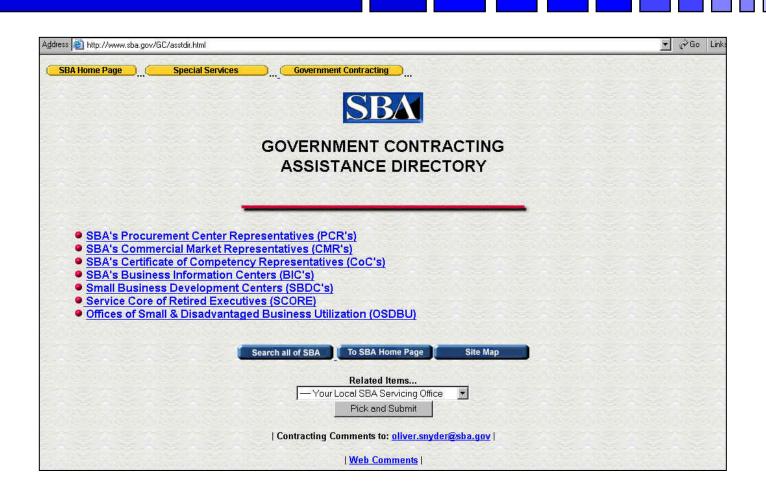
Other PTAC's

http://www.dla.mil/db/procurem.htm



SBA Government Contracting Assistance Directory

http://www.sba.gov/gc/asstdir.html



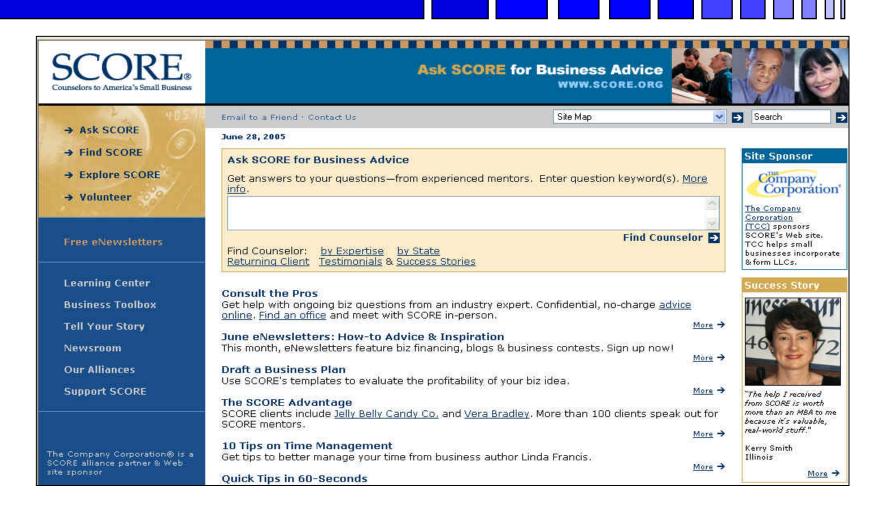
SBA SBDC Listings

http://www.sba.gov/sbdc



SBA SCORE Listings

http://www.score.org/

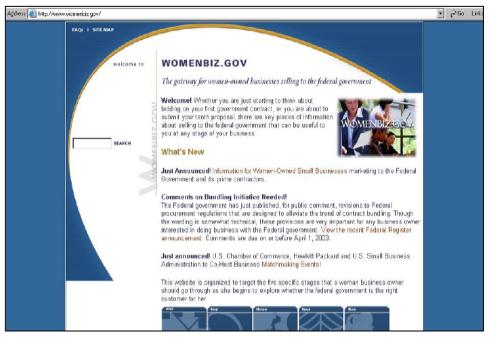


Woman's Business Web Sites



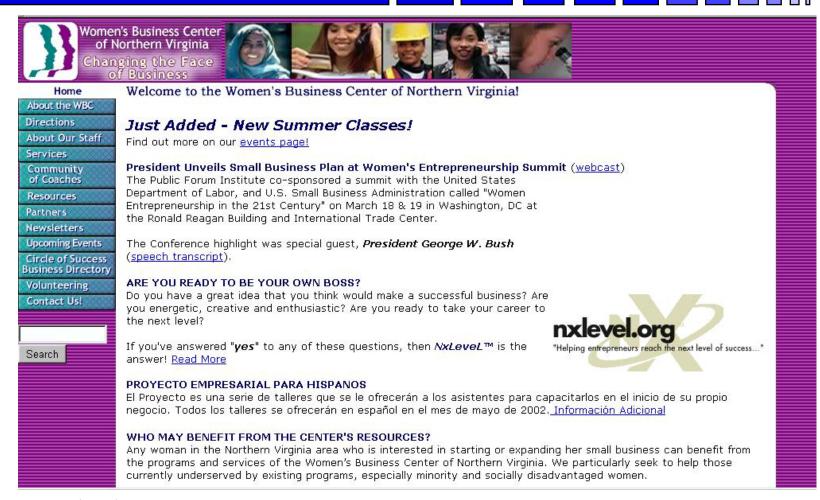
www.onlinewbc.gov/

www.womenbiz.gov



Woman's Business Center

http://www.wbcnova.org



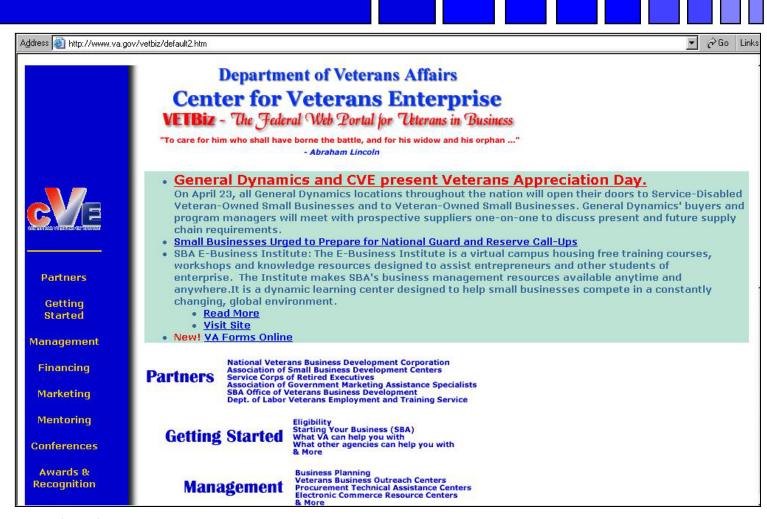
SBA VETS

http://www.sba.gov/VETS/



Veteran's Administration VETBIZ

http://www.va.gov/vetbiz/





How To Get Started?

- ✓ Identify your product or service (NAICS/FSC)
- ✓ Register
- Determine who buys your goods or services
- ✓ Familiarize yourself with government contracting procedures.
- Seek additional assistance as needed.
- Explore subcontracting/teaming opportunities
- □ *Focus* and Market your firm

SBA SUB-Net

http://web.sba.gov/subnet/



George Mason University
Procurement Technical Assistance Program



How To Get Started?

- ✓ Identify your product or service (NAICS/FSC)
- ✓ Register
- Determine who buys your goods or services
- ✓ Familiarize yourself with government contracting procedures.
- Seek additional assistance as needed.
- Explore subcontracting/teaming opportunities
- ✓ *Focus* and Market your firm

Market Your Business

Associations







NCMA

Conferences



Networking



Targeted Sales Calls



Market Research





Market Your Business



Focus!!!!



Remember!!!

There are only two kinds of Companies.... the quick and the dead!





George Mason University PTAP 4031 University Drive, Suite 200 Fairfax, VA 22030

Phone: 703-277-7700

Fax: 703-352-8195

www.gmu.edu/gmu/PTAP

"bringing business and government closer together"